SCH-u340 Series

P O R T A B L E T R I - B A N D

M O B I L E P H O N E

User Guide

Please read this manual before operating your phone, and keep it for future reference.

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Section 1: Getting Started

Topics Covered

- Understanding this User Manual
- Charging the Battery
- Activating Your Phone
- Setting Up Your Voicemail

This section explains how to start using your SCH-u340 phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 159.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 134.

Notes and tips

Throughout this guide there is text that is set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

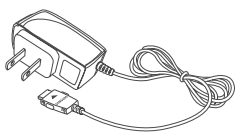
- **Notes**: Explain alternative options within the current feature, menu, or sub-menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Use of other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter

The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.



1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Important!: For connection to an electrical supply not located in North America, you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

---

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector at the bottom end of your phone.

Important!: You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Low battery indicator

The battery indicator ( ) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Three bars ( ) indicate a full charge.
- An empty battery icon ( ) indicates a near empty battery.
- A blinking empty battery icon ( ) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

  If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

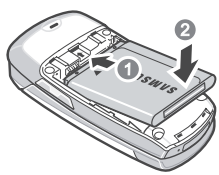
Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Install the Battery

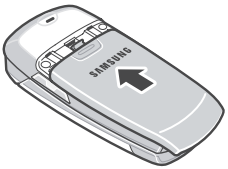
Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery. A fully discharged battery requires up to 4 hours of charge time.

1. Insert the top end of the battery first, matching the gold contacts on the inside of the battery to those on the phone.
2. Press lightly on the bottom end of the battery down into the phone until it slips into place.

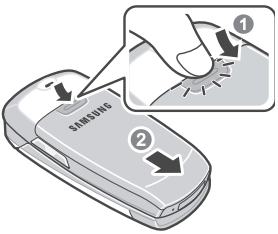


3. Place the battery cover over the battery and slide the battery cover into place.

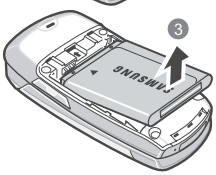


Remove the Battery

1. Press and hold the END key to turn off the phone (if on).
2. Press down on the battery cover release latch (1) and slide the cover (2) toward the bottom end of the phone.



3. Lift the battery (3) up and away from the phone, bottom end first.



Turn Your Phone On

1. Open the flip on your phone, as shown.
2. Press the END key.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

3. The phone begins searching for a network signal.
4. Once the phone finds a signal, the time, date, and day appear in the bottom of the display.
5. You're now ready to place and receive calls.

Note: If you are outside of your carrier's coverage or roaming area, the No Service icon ( ) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turn Your Phone Off

- Press and hold the END key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press END for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the Voicemail folder (under the Message menu) to view details of voice messages in your Voicemail box.

1. In idle mode, press and hold the 1 key or dial your own mobile number to dial Voicemail.
2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

1. In idle mode, press and hold the 1 key or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting.
2. You are prompted to enter your password.

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
- Closed View of Your Phone
- Open View of Your Phone
- Command Keys
- Understanding the Display Screen
- Your Phone's Modes

This section outlines some key features of your phone. It also describes the screen format and the icons that will be displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1x Technology)
- Global Positioning (GPS) Technology
- PIM Functions
- Text Messaging
- Picture Messaging
- Built-in Digital Camera
- Voice Dial
- Speakerphone

Closed View of Your Phone

Features

1. **Headset Connector** — Lets you plug in an optional headset for safe, convenient, hands-free conversations.
2. **Volume Key** — Lets you adjust the master volume in standby mode (with the flip open) or adjust the voice volume during a call. To mute the ringer during an incoming call, press the volume key up or down.
3. **External LCD** — Shows time, date, and phone status icons.
4. **Speaker** — Lets you hear alarms, alerts, and ringtones.
5. **Speakerphone Key** — Enables and disables speakerphone mode.
6. **Camera Key** — Launches the Camera feature of your phone.
7. **Camera Lens** — The lens of your built-in camera.

Open View of Your Phone

Features

1. **Left Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Main LCD.
2. **SEND Key** — Lets you place or receive a call. In standby mode, press the key once to access the recent call log.
3. **BACK Key** — Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.
4. **Voice Mail Hot Key** — Pressing and holding this key calls your Voice Mail account.
5. **Special Function Keys** — Enter special characters. Performs various functions.

6. **Power/Accessory Connector** — Used to plug in the charging accessories and also connect any available accessory cables to your phone.
7. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.
8. **Voice Recognition Key** — In Idle mode, pressing and holding this key launches VoiceSignal options.
9. **Alpha-numeric Keys** — Use these keys to enter numbers, letters, and characters.
10. **END/Power/Menu Exit Key** — Ends a call. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.
11. **OK Key** — Pressing when navigating through a menu accepts the highlighted choice in a menu.
12. **Right Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.
13. **Navigation Key** — In Menu mode, lets you scroll through the phone menu options. In Standby mode, lets you access preset functions and one user-defined function.
14. **Internal Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators, signal strength, and so on.
15. **Earpiece** — Lets you hear the other caller.

Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the Left soft key ( ) and the Right soft key ( ).

Left Soft Key

Some functions of the Left soft key are as follows.

- In standby mode, press the **Settings** (left) soft key ( ) to open the Settings menu.
- When the left soft key function is Edit, press the **Edit** (left) soft key ( ) to edit a Contact.

Right Soft Key

Some functions of the Right soft key are as follows.

- In standby mode, press the **Contacts (**right) soft key ( ) to open the Contacts list.
- When the right soft key function is Options, press the **Options** (right) soft key ( ) and a pop-up menu appears.
- When the right soft key function is Back, press the **Back (**right) soft key ( ) to back up one menu level.

OK Key

- In standby mode, press the **MENU** key (OK) to open the main menu.
- In a menu, press the **OK** key (OK) to accept the highlighted selection.
- In camera mode, press the **OK** key (OK) to take a photo or to create a Pic. message.
- When the **OK** key function is Edit, press the **Edit** (OK) key (OK) to edit a Draft message.

CLR Key

The **CLR** key (CLR) is used to erase or clear numbers, text, or symbols from the display. You can also use the CLR key to return to a previous menu or to return to standby mode from any menu.

1. If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.
2. To erase the entire sentence, press and hold CLR.
3. To back up one menu level, briefly press CLR.
4. To return to standby mode, press and hold CLR until you return to standby mode.

END Key

1. Press the **END** key END to turn your phone on.
2. Press and hold the **END** key END to turn your phone off.
3. Briefly press END once to disconnect a call.
4. Press END to return to standby mode from any menu, or to cancel the last input.

SEND Key

The **SEND** key (SEND) is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

1. Press SEND once to answer calls.

2. Enter a number and briefly press SEND to make a call.
3. Briefly press SEND in standby mode to display a list of recent calls to and from your phone.
4. Press SEND twice in standby mode to call the most recent number.
5. Press SEND to pick up a waiting call. Press SEND again to switch back to the other call.

Navigation Key

Use the directional keys on the Navigation key ( ) to browse menus, sub-menus, and lists. Each key also acts as a shortcut to launch applications.

Speakerphone Key

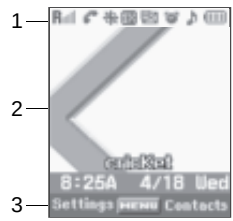
Use the speakerphone key ( ) — located on the right side of your phone — to switch from using the earpiece to the speakerphone before or during a call. Use the volume keys — located on the left side of your phone — to adjust the volume. Press and hold the speakerphone key to enable and disable the speakerphone option.

Camera Keys

Use the camera key ( ) — located on the right side of your phone — to activate the camera built into your phone and to take pictures.

Understanding the Display Screen

1. The top line of your phone's main display contains icons that indicate network status, battery power, signal strength, connection type, and more.
2. The center portion of the main display shows information such as call progress information, messages, and photos.
3. The bottom line of the main display shows current soft key functions.



The sample screen shows that pressing the Left soft key ( ) will open the **Settings** menu, pressing the **MENU** key (OK) will display the Main Menu, and pressing the Right soft key ( ) will show the **Contacts Find** screen.

Display Screen Icons

Signal strength — Always appears when your phone is on and indicates the current signal strength. More lines indicate higher signal strength.

Service indicator — Indicates a call in progress. When dialing a number, this icon flashes until the call connects.

No service indicator — Indicates your phone cannot find a signal because you're outside a service area. You cannot make or receive calls. Wait for a signal or move into an open area to try and find a signal. The no service indicator always appears when you turn on your phone and disappears once service is located.

Analog mode indicator — Indicates your phone is operating in an analog service area or that digital service has been interrupted. Also indicates that some network features are not available. Also, you may need to recharge your phone's battery more often while in an analog service area.

Roam — Extended roaming indicator. Roaming occurs when you use your phone outside your home area. While roaming, a wireless provider other than yours handles your call, so the service rate for the call may be higher than for calls made within your home area. Please refer to information from your Wireless Provider on roaming rates.

New Message — Indicates that you've received a new text, page, or web alert message. You're also notified by a visual and audible alert.

Voicemail — Indicates that you've received a new voicemail.

1X Protocol — Indicates your phone is using the 1X protocol.

Battery strength — Indicates the battery charge level. The more black bars, the greater the charge. When the battery becomes very low, a flashing empty battery icon displays and the phone sounds an audible alert, which indicates your phone is about to shut down.

Alarm clock — The alarm clock is set.

GPS (911 only) — This icon represents Global Positioning Service (GPS) for 911.

GPS — Indicates GPS is on for location.

Vibrate plus Ring — Your phone is in vibrate plus ring mode. When you receive a call, the phone vibrates and rings.

Ring — Your phone is in ring mode. When you receive a call, the phone rings.

Vibrate mode — Your phone is in vibrate mode. When you receive a call, the phone vibrates instead of ringing.

Ringer off — The ringer is in Ringer off mode. When you receive a call, it is only indicated in the displays.

Silent mode — Indicates your phone is in silent mode. Ringer is silenced for all alerts, incoming calls, and incoming messages. The phone alerts you of incoming calls, alerts, and messages by vibration and a message in the displays.

TTY mode — Indicates your phone is in TTY mode (for more information, see *"TTY Mode"* on page 130).

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined below.

- **Choice**
    - Example: "Save message?"
- **Reconfirm**
    - Example: "Erase message?"
- **Performing**
    - Example: "Sending..." "Connecting..."
- **Completed**
    - Example: "Message Saved"
- **Information**
    - Example: "New Voicemails"

- **Error**
    - Example: “System Error!”
- **Warning**
    - Example: “Battery Low,” “Memory Full!”

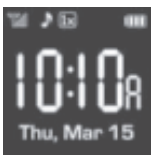
Backlights

Backlights illuminate the internal and external displays and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call, the display backlights dim and turn off after 10 seconds to conserve battery power, regardless of the Backlight setting.

See *“Backlight”* on page 118 for more information.

External Display



Your phone has an external display on the outside of the flip. When you close the phone, the external display shows a digital clock.

Icons that appear in the external display indicate the following:

- Incoming calls and messages
- Alarms and alerts
- Battery charge level
- Signal strength

Your Phone’s Modes

Call Answer Mode

You can select how you wish to answer a call.

1. In standby mode, press the **Menu** key (OK), then press 9 wxyz (for **Settings**), 6 mno (for **Call Options**), and 3 def for **Call Answer**. The following call answer options appear in the display:
    - **Send Key** — Only pressing Talk answers a call.
    - **Flip Open** — Opening the phone’s flip or pressing Talk answers a call.
    - **Any Key** — Pressing any key except the End key or Volume key answers a call.
2. Use the navigation keys to highlight an option.
3. Press the OK key to select the method for answering calls.

Input mode

Input mode determines how you enter text, numbers and symbols. While at any text entry screen, press the Left soft key ( ), then choose the input mode from the pop-up menu using the navigation keys. Optional input modes are **T9 Word**, **Alpha**, **Symbols**, and **Number**. (See "Entering Text" on page 43 for more information.

Tip: You can also cycle between **T9 Word**, **Alpha**, and **Number** by repeatedly pressing and holding the key until the phone beeps.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the volume key. Unlock your phone by entering the lock code when prompted. (See "Change Lock" on page 124 for more information.)

Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into standby mode:

- After you power the phone on.
- When you press after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all phone status icons.

1. While in standby mode, enter a phone number, and press to place a call.
2. Press to return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives. The following call message options appear:

- **Ignore** (left) soft key ( ) — Lets you view the message at a later time.
- **View** (right) soft key ( ) — Lets you view the message now.

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press the **MENU** (left) soft key ( ) to display a list of menu options. See "In-Use Menu" on page 30 for more information.

Enter/Exit Silent Mode

Silence the tones your keypad makes when you press a key.

- In standby mode, press and hold #. **Entering Silent Mode** briefly appears in the display and your phone returns to standby mode.
- While in Silent mode and standby mode, press and hold #. **Exit Silent Mode** briefly appears in the display and your phone returns to standby mode.

Vibrate Mode

▶ In standby mode, repeatedly press the volume key ( ) down until **Vibrate** appears in the display.

The volume key is on the upper left side of phone, near the Left soft key ( ).

Adjust the Ringer

1. In standby mode, press the volume key ( ) on the left side of the phone up or down. Options are:
   - **Silent**
   - **Vibrate**
   - **1 Beep**
   - **Level 1 – 5**
   - **Vib+Ring**
2. When you are satisfied with the setting, press the OK key. Your phone returns to standby mode.

Tip: You can also enter the **Volume/Vibrate-Calls** sub-menu by pressing the **Settings** (left) soft key ( ), then pressing the 5, 1, and 1 keys. Use the Volume key on the left side of your phone to adjust the ringer setting.

Note: The Vibrate icon ( ) appears in the display when the phone is in Vibrate mode. The Vibrate plus Ring icon ( ) appears in the display when the phone is in Vib+Ring mode.

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camera Mode

Camera mode lets you activate your phone's camera to take pictures. In Camera mode, you can also adjust the resolution and appearance of your pictures.

See "Multimedia" on page 92 for more information.

- **Entering Camera Mode** — In standby mode, press and hold the **Camera** key ( ) on the upper right side of your phone.
- **Exiting Camera Mode** — Press the END key.

Section 3: Call Functions

Topics Covered

- Making a Call
- Answering a Call
- Recent Calls

This section provides procedures for making and answering calls. This section also describes features, such as call logs and call timers, that help you make calls and manage your call time.

Making a Call

1. With the phone on, enter the number you wish to call using the keypad.
2. Press SEND to place the call.

Emergency Calls

When you call an Emergency Number, such as 911, your SCH-u340 phone locks itself in emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This enables emergency operators to more easily dispatch aid, such as police, fire fighting, and emergency medical personnel.

1. With the phone on, enter the Emergency Number you wish to call using the keypad.

Note: You can define up to 3 emergency numbers in your phone. (See "Emergency #" on page 125 for more information.)

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2. Press SEND to place the call.

Tip: If you need to make an emergency (911) call with Airplane mode enabled, just dial the emergency number and press SEND. (See "Airplane Mode" on page 132 for more information.)

Three-way Calling

Call two other numbers and connect them to your call using three-way calling.

1. In standby mode, enter the number for the first party in your call, then press SEND.
2. When connected, ask the other party to remain on the line. Press SEND to place them on hold.
3. Enter the second party's phone number and press SEND.
4. When the second party answers, press SEND to connect all three parties.

Manual Pause Calling

To manually call a number with pause(s) without storing it in your Contacts list:

1. In standby mode, enter the number you wish to call.
2. Press the **Options** (left) soft key ( ). The following pause options appear in the display:
   - **2-Sec Pause** — A 2-second pause after which dialing resumes.
   - **Wait** — A hard pause (waits for input from you).
3. Use the navigation keys to highlight the desired pause.

4. Press the OK key to enter the highlighted pause into the number sequence.
5. Press SEND to call the number.

Tip: Press the **Save** (right) soft key ( ) to store pauses along with the number if you plan to call the number frequently.

Speed Dialing

Speed Dialing lets you place a call to any Contact stored in your Contacts list by dialing the Contact's Location number.

1-Touch Dialing

Use 1-touch dialing to speed dial Contacts from 001 (Voicemail) through 009.

- ▶ In standby mode, press and hold the number key representing the desired Contact's Location number.

Example: To speed dial the Contact assigned Location 005, press and hold the 0 5 key.

2-Touch Dialing

Use 2-touch dialing to speed dial Contacts from 010 through 099.

1. In standby mode, press and release the number key representing the first digit of the desired Contact's Location number.
2. Press and hold the number key representing the second digit of the desired Contact's Location number.

Example: To speed dial the Contact assigned Location 035, press 3 then press and hold the 0 5 key.

3-Touch Dialing

Use 3-touch dialing to speed dial Contacts from 100 through 500.

1. In standby mode, press and release the number key representing the first digit of the desired Contact's Location number.
2. Press the number key representing the second digit of the desired Contact's Location number.
3. Press and hold the number key representing the third digit of the desired Contact's Location number.

Example: To speed dial the Contacts entry assigned to Location 325, press 3 def, press 2 abc, then press and hold the 1 5 jkl key.

Voice Dialing

The voice recognition capabilities of your SCH-u340 are exceptional due to advanced, speaker-independent technology. This means you do not need to "train" your phone to understand your voice. You can use your voice in a natural manner to dial numbers.

Note: End Calls Before relaunching the VoiceSignal voice recognition software — When you use Voice Dialing to make a call, you must end that call before you can use other Voice Commands. See "Voice SVC" on page 84 for more information.

Use the **Call** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use **Call** to dial any telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In standby mode, press and hold the Voice key.

   "**Say a Command**" appears in the display and is pronounced through the earpiece.
2. Say, "**Voice Dial**".

   You are prompted to "**Say the name or number**".
3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

   If the name is recognized, Voice Dial repeats the name and dials the number.

   If Voice Dial is not sure which name you said, it displays a choice list of up to three names and prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See "Choice Lists" on page 89, for more information.)
   - Press the **Repeat** (right) soft key ( ) to say the name again.
   - Press the **Settings** (left) soft key ( ), then press the **Cancel** (right) soft key ( ) to exit VoiceSignal without dialing.

   If the recognized name has multiple numbers stored for it (that is, Mobile, Work, Home, and so on), Voice Dial displays the possible choices and prompts you with "**Which number?**"
5. Say one of the following number types:
   - "**Home**"
   - "**Office**"
   - "**Mobile**"
   - "**Pager**"

   Voice Dial dials the specified number.

Dialing a Number

To dial a number using Voice Dial, do the following:

1. In standby mode, press and hold the Voice key.

   "**Say a Command**" appears in the display and is pronounced through the speaker.
2. Say "**Voice Dial**".

   VoiceSignal prompts you to "**Say the name or number**."
3. Speak clearly and say the telephone number of the person you want to call. *For example, say "7 8 1 9 7 0 5 2 0 0."*

   If it recognizes the number, Voice Dial repeats it and dials the number. If Voice Dial is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with "**Did you say?**" followed by the first number on the list.
4. Say "**Yes**" to confirm the number or "**No**" to hear the next one, or use the keypad to select the correct number from the list. (See See "Choice Lists" on page 89, for more information.)
   - Press the **Repeat** (right) soft key ( ) to say the name again.
   - Press the **Settings** (left) soft key ( ), then press the **Cancel** (right) soft key ( ) to exit VoiceSignal without dialing.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains 2-Sec Pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains Wait(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Incoming

When you receive a call, the phone displays one of the following:

- If the caller can be identified, the caller's number (or name if it's in your Contacts) appears in the display.
- If the caller cannot be identified, **Call from unavailable #**, **Call from restricted #**, or no number appears in the display.

Tip: Assign pictures to Contacts entries. The entry's assigned picture appears in the display when you receive a call from that entry. See "Assigning a Picture to a Contacts Entry" on page 59.

The phone continues to notify you of the call until one of the following events occur:

- You answer the call.
- The calling party ends the call.
- The call is sent to voicemail.

Call Notification Features

Your phone notifies you of a call in a variety of ways.

- Nine ring volume settings: Silent, Vibrate, 1 Beep, Level 1 – 5, Vib+Ring.
- Different ring types or melodies to distinguish callers.
- Name display with caller ID. (If the caller's name is programmed into your Contacts).
- Information about the last 90 each of incoming, missed, and outgoing calls are automatically stored to a call log.

Set Call Ringer Volume

1. In standby mode, press the volume key on the left side of the phone.
2. Press the volume key up or down to set the call ringer volume as desired.

Adjust the Ringer

1. In standby mode, press the Volume key ( ) on the left side of the phone up or down. Options are:
   - **Silent**
   - **Vibrate**
   - **1 Beep**
   - **Level 1 – 5**
   - **Vib+Ring**
2. Press OK once you're satisfied with the setting. The phone returns to standby mode.

Tip: You can also enter the **Volume** sub-menu by pressing the **MENU** key (OK), then pressing the 9 wxyz, 3 def, 1 , and 1 keys. Use the Volume key on the left side of your phone to adjust the ringer setting.

Note: The Vibrate icon ( ) appears in the display when the phone is in **Vibrate** mode. The Vibrate plus Ring icon ( ) appears in the display when the phone is in **Vib+Ring** mode.

Call Answer

Select from three methods for answering calls. This option can be changed in the **Settings** menu.

1. In standby mode, press the **Settings** (left) soft key ( ), 6 mno (for **Call Options**), and 3 def for **Call Answer**. The following options appear in the display:
   - **Send Key** — Only pressing SEND answers a call.
   - **Flip Open** — Opening the phone's flip or pressing SEND answers a call.
   - **Any Key** — Pressing any key except the END key or key answers a call.
2. Use the navigation keys to highlight the **Call Answer** option of your choice.
3. Press OK to activate the method for answering calls.

Call Waiting

If you're on a call, your phone beeps when another call is incoming. Contact your Wireless Carrier for availability.

1. Press SEND to connect and ask the calling party to remain on the line.
2. Press SEND and the second caller is placed on hold and you're returned to the original caller.
3. Press SEND to alternate between calls.

Caller ID

Caller ID lets you identify who is calling you by displaying a caller's number. If the caller's name and number are stored in Contacts, the caller's name also appears. If you've assigned a picture to the entry, it appears in the display as well.

Call Block

You can prevent your number from displaying on another phone's caller ID screen by enabling **Call Block**.

1. In standby mode, enter *+t, 6mno, 7pqrs.
2. Enter the number you wish to call, then press SEND.

Silence an Incoming Ring

During an incoming call, any of the following keys can be pressed to silence the ringer:

- The UP or Down volume key ( ) on the left side of the phone.

Ignore an Incoming Call

Ignored calls are immediately forwarded to Voicemail.

- ▶ During an incoming call, press the **Reject** (right) soft key ( ). The incoming call is forwarded to Voicemail.

In-Use Menu

You can access a number of menus and features even while in a call.

1. While in a call, press the **MSG** (right) soft key ( ) to display the **Messages** menu.
2. While in a call, press the **MENU** (left) soft key ( ). The following options appear in the display:
   - **Calls** — View your recent calls log.
   - **Contacts** — Display the Contacts menu.
   - **Voice Memo** — Records the current call for up to one minute.
   - **Silence Keys** — Silences/restores keypad tones and shows/removes the silenced keypad icon ( ). Lets you use your phone's functions during a call without hearing the keypad tones.
   - **Send Tel#** — Send your phone number as DTMF tones to the other person on the call.
   - **Voice Privacy** — When set to **Enhanced**, the phone sounds an audible beep when you loose privacy (encryption) on a CDMA connection. For this option to work correctly, you must have the Enhanced privacy option enabled in the Security settings. (This option is enabled by default.)

- **Location** — Turn your GPS location on or set GPS location for emergency calls only.
- **Version** — Shows the version of your phone's hardware and software.

3. Within the above menu list, do one of the following:
   - Use the navigation key to highlight a menu or feature. Press the OK key to open the highlighted menu or to activate the highlighted feature.
   - Press the **Back** (right) soft key ( ) to exit the menu.

Recent Calls

Your phone has Call Logs that retain numbers calling or called, times, and dates (as well as other information) about Outgoing, Incoming, and Missed Calls. The **Recent Calls** menu lets you access this information for future reference, to return calls, and to add new Contacts. You can also view times for your last call and the total of all calls.

Tip: To quickly view a list of your most recent calls (outgoing, incoming, and missed), briefly press the key in standby mode. The **All Calls** screen listing to 270 of your most recent calls appears in the display.

Calls Logs

1. In standby mode, press the **MENU** key (OK), then press 1 for **Recent Calls**. Use the Up and Down navigation keys to highlight one of the following options:
   - **Outgoing** — Stores the most recent 90 calls you made.
   - **Incoming** — Stores the most recent 90 calls you received and answered.
   - **Missed** — Stores the most recent 90 calls you received but did not answer.
2. Press OK to list the contents of the highlighted calls log.
3. Use the Up and Down navigation keys to highlight a call, then press OK to view further information about the call.
4. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Talk** — Dials the number in this call record.
   - **Save** — Save the number to your Contacts.
   - **Prepend** — Lets you add new beginning digits (prepend) to the number in this call record.
   - **Erase** — Erase the selected call from your Outgoing/Incoming/Missed call list.
5. Use the Up and Down navigation keys to highlight an option.
6. Press OK to perform the highlighted option's function.

Erase Logs

You can erase Outgoing, Incoming, Missed, or All Calls.

1. In standby mode, press the **MENU** key (OK), then press 1 (for **Recent Calls**) and 4 for **Erase Logs**. The following options appear in the display:
   - **Outgoing** — Erase all calls from the Outgoing calls logs.
   - **Incoming** — Erase all calls from the Incoming calls logs.
   - **Missed** — Erase all calls from the Missed calls logs.
   - **All Calls** — Erase all calls from all calls logs.
2. Use the Up and Down navigation keys to highlight the calls log you want to erase, then press the OK key. The **Yes** and **No** options appear in the display.
3. To erase all calls from the selected calls log, use the Navigation key to highlight the **Yes** option, then press OK.

   To keep the calls, use the Navigation key to highlight the **No** option, then press OK.

Call Timer

View the duration of your last call, total calls, and calls made during the life of your phone using the Call timer feature. Call timer is not for billing purposes.

1. In standby mode, press the **MENU** key (OK), then press 1 (for **Recent Calls**) and 0 5 for **Call Timer**. The following options appear in the display:
   - **Last Call** — Shows the duration of your last call.
   - **Roaming Call** — Shows the number of calls made while roaming outside your home network and their total duration.
   - **Total** — Shows the number and total duration of all calls originated by and made to your phone since the last erasure.
   - **Lifetime** — Shows the duration of all calls on your phone since activation (Lifetime timers cannot be reset).
   - **Erase Total** — Resets the **Total** call timer.
2. Use the Up and Down navigation keys to highlight a particular timer.
3. Press OK to view the selected timer.
4. Press OK to exit the **Call Timer** screen.

Note: Although Total call timers can be erased, LifeTime call timers can never be erased.

Data Counter

Use Data Counter to view the amount of data that has been sent or received (or a total of both) using the data services that your phone supports. The Data Counter can be a helpful tool for monitoring data usage, especially if your service agreement has specified limits.

1. In standby mode, press the **MENU** key (OK), then press 1 (for **Recent Calls**) and 6 **for Data Counter.** The following options appear in the display:
   - **Transmit** — Shows the amount of data (in kilobytes) that your phone has transmitted since last being reset.
   - **Received** — Shows the amount of data (in kilobytes) that your phone has received since last being reset.
   - **Total** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since last being reset.
   - **Erase Total** — Resets all the data counters.
2. Press OK to view the selected data counter.
3. Press OK to exit the **Data Counter** screen.

Note: Although other data counters can be reset, only the Lifetime Data Counter can never be reset.

Store Numbers from Call Logs

Store numbers from your **Outgoing**, **Incoming**, and **Missed** calls logs to Contacts.

Tip: In standby mode, briefly press MENU to display the **All Calls** list. You can then select any call in the list to save to **Contacts**.

1. In standby mode, press the **MENU** key (OK), then press 1 (for **Recent Calls**.
2. Press the corresponding number on the keypad to view call logs for the following call types.
   - 1 for **Outgoing**
   - 2 for **Incoming**
   - 3 for **Missed**
3. Use the Up and Down navigation keys to highlight the number you wish to store in Contacts and press OK.
4. Press the **Option** (left) soft key ( ), then use the Up and Down navigation keys to highlight **Save**.

5. Select **New Entry** to add the number as a Contacts entry, or select **Find** to find a Contact with which to associate the new number.
6. Follow the prompts to store the number to Contacts.

Section 4: Menu Navigation

Topics Covered

- Menu Navigation
- Menu Shortcuts
- Navigation Key Shortcuts
- Navigate Using a Shortcut
- Menu Outline

This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

Menu Navigation

Access the menus and sub-menus in your phone using the navigation key ( ) and soft keys ( ), or use a shortcut.

1. In standby mode press the **MENU** key (OK). The first of several menus appear in the display.

Note: More than one menu may appear in your display. This setting can be modified in the **Display/Menu Style** menu. (See "Settings" on page 115 for more information.)

2. Use the navigation key to browse through the menus.
3. Press OK to enter the menu or sub-menu that appears in the display.
4. Press the **Back** (right) soft key ( ) to return to the previous menu.

Return to the Previous Menu

- Press the **Back** (right) soft key ( ) to return to a previous menu.
- When **Back** does not appear in the display, press CLR to return to the previous menu.

Menu Shortcuts

Use shortcuts to quickly access menus and sub-menus. Press the **MENU** key (OK), then press the number to the left of the menu to jump to the desired menu, sub-menu, or feature. For example, to jump to the Outbox sub-menu, press the **MENU** key (OK), then press 2abc (for **Messages**) and 0 5 jkl 0 for **Outbox**.

Navigation Key Shortcuts

In standby mode, press a navigation key to launch the key's corresponding application.

Navigate Using a Shortcut

You can also access menus and sub-menus using menu numbers. Enter the menu number after pressing the **MENU** key (OK) to go directly to the menu or sub-menu of your choice. Before you can navigate using a shortcut, you'll need the menu or sub-menu number that you wish to access.

Tip: Use the list of menus and sub-menus, which begins on page 37, to navigate using shortcuts.

1. In standby mode, press the **MENU** key (OK).
2. Press the number of the menu, sub-menu, and so on for the feature that you wish to access.

Example: Press the **MENU** key (OK), then press 7pqrs, 2abc. This takes you to the **Tools/Utilities** (**MENU** 7), and then to the **Calendar** (sub-menu 2).

Menu Outline

1 Recent Calls
- 1.1 Outgoing
- 1.2 Incoming
- 1.3 Missed
- 1.4 Erase Logs
- 1.5 Call Timer
- 1.6 Data Counter

2 Messages
- 2.1 New Text Msg
- 2.2 New Pic Msg
- 2.3 New Handwr.Msg
- 2.4 Inbox
- 2.5 Outbox
- 2.6 Drafts
- 2.7 Voicemail
- 2.8 Wap Push
- 2.9 Msg Setting
  - *2.9.1 Notification*

2.9.2 Auto Save
2.9.3 Auto Erase
2.9.4 Auto View
2.9.5 Entry Mode
2.9.6 CB #
2.9.7 VM #
2.9.8 Signature
2.9.9 Preset Msgs
2.9.0 Auto Scroll
2.0 Erase Msg
2.0.1 Voice
2.0.2 Inbox
2.0.3 Outbox
2.0.4 Drafts
2.0.5 All Messages

3 Contacts
3.1 Find
3.2 Add
3.3 Rename Group
3.3.1 Friend
3.3.2 Family
3.3.3 Colleague
3.3.4 VIP
3.3.5 No Name
3.4 Memory

4 Multimedia
4.1 Take a Photo
4.2 Photo Gallery
4.3 Image Gallery
4.3.1 Preloaded
4.3.2 Downloaded
4.3.3 Get more Graphics
4.4 Melody Gallery
4.4.1 Preloaded

4.4.2 Downloaded
4.4.3 Get more Tones
4.4.4 Ringback Tones

5 Browser
5.1 Go to Web

6 Games & Apps
6.1 Games & Apps

7 Tools/Utilities
7.1 Today
7.2 Calendar
7.3 Jump To Date
7.4 To Do List
7.5 Memo Pad
7.6 Count Down
7.7 Alarm Clock
7.7.1 Alarm Clock 1
7.7.2 Alarm Clock 2
7.7.3 Alarm Clock 3
7.8 World Time
7.9 Calculator

8 Voice SVC
8.1 Voice Command
8.2 Voice Memo
8.3 Voice Setting
8.3.1 Digit Dialing
8.3.2 Sensitivity
8.3.3 Choice Lists
8.3.4 Sound
8.3.5 Voice Launch
8.3.6 About

9 Settings

9.1 Location

9.2 Display

9.2.1 Menu Style

9.2.2 Animation

9.2.2.1 Opening

9.2.2.1.1 My Image
9.2.2.1.2 Preloaded

9.2.2.2 Closing

9.2.2.2.1 My Image
9.2.2.2.2 Preloaded

9.2.2.3 Wallpaper

9.2.2.3.1 My Image
9.2.2.3.2 Preloaded
9.2.2.3.3 Screen Savers

9.2.3 Theme

9.2.4 Banner

9.2.5 Backlight

9.2.5.1 Main LCD

9.2.5.2 Keypad

9.2.5.3 Power Save

9.2.5.4 Brightness

9.2.6 Auto-Hyphen

9.2.7 Dial Digits

9.2.8 Dial Screen

9.2.9 Front Contrast

9.3 Sounds

9.3.1 Volume/Vibrate

9.3.1.1 Calls

9.3.1.2 Messages

9.3.1.3 Alarm

9.3.2 Ringer Type

9.3.2.1 Calls

9.3.2.1.1 Downloaded
9.3.2.1.2 Preloaded

9.3.2.2 Messages

9.3.2.2.1 Voicemail
9.3.2.2.2 Text
9.3.2.2.3 Pic

9.3.2.3 Alarm
- 9.3.2.3.1 Alarm 1
- 9.3.2.3.2 Alarm 2
- 9.3.2.3.3 Alarm 3

9.3.2.4 Data
- 9.3.2.4.1 Downloaded
- 9.3.2.4.2 Preloaded

9.3.2.5 Calendar
- 9.3.2.5.1 Downloaded
- 9.3.2.5.2 Preloaded

9.3.3 Key Beep
- **9.3.3.1 Volume**
- **9.3.3.2 Tone Length**

9.3.4 Alerts
- **9.3.4.1 Minute Beep**
- **9.3.4.2 Service**
- **9.3.4.3 Connect**
- **9.3.4.4 Disconnect**
- **9.3.4.5 Fade**
- **9.3.4.6 Roam**
- **9.3.4.7 Privacy**
- **9.3.4.8 Charge Alert**

9.3.5 Power On/Off

9.3.6 Roam Ringer

9.3.7 Whisper Mode

9.4 System Select

9.5 Security
- *9.5.1 Lock Phone*
- *9.5.2 Change Lock*
- *9.5.3 Emergency #*
- *9.5.4 Voice Privacy*
- *9.5.5 Restriction*
- *9.5.6 Erase Memory*
- *9.5.7 Reset Phone*

9.6 Call Options
- *9.6.1 Auto Retry*
- *9.6.2 Data*
- *9.6.3 Call Answer*

9.6.4 Auto Answer
9.6.5 TTY Mode
9.7 Language
9.8 Clock Set
9.9 Airplane Mode
9.0 Phone Info
9.0.1 Phone Number
9.0.2 Version
9.0.3 ESN
9.0.4 Warranty date code

Section 5: Entering Text

Topics Covered

- Changing the Text Entry Mode
- Using T9® Mode
- Using Alpha Mode
- Entering Numbers
- Entering Symbols

This section outlines how to select the desired text entry mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes you must make when entering text.

Changing the Text Entry Mode

Text messages can be made up of alphabetical characters, numbers, and symbols. You can use the following text entry modes to simplify text entry:

- **T9 Word** — Press each key only once to enter the letter of the word that you're spelling. T9 WORD mode letter options are:
  - **T9 Word** — Enter initial capital letters
  - **T9 WORD** — Enter all upper case letters
  - **T9 word** — Enter all lower case letters
- **Alpha** — Enter letters, numbers, and symbols by repeatedly pressing each key until the desired character (as shown on the key) appears in the display. ABC mode letter options are:
  - **Abc** — Enter initial capital letters
  - **ABC** — Enter all upper case letters
  - **abc** — Enter all lower case letters
- **Number** — Enter numbers by pressing the corresponding key on the keypad.
- **Symbol** — Enter symbols into your message by pressing the number above the symbol in the **Symbol** pop-up window.

The current text entry mode (**T9 Word**, **Alpha**, **Number**, or **Symbol**) is indicated in the lower right part of a text entry screen. To change the text entry mode, do the following:

1. While entering text, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **T9 Word**
   - **Alpha**
   - **Symbol**
   - **Number**
2. Use the Navigation key to highlight the desired text entry mode, then press OK.

Tip: You can also toggle the text entry mode between T9 Word, Alpha, and Number by repeatedly pressing and holding the key.

Using T9® Mode

T9 Word recognizes commonly used words for the numeric sequence of key-presses and inserts the word into your text. T9 Word is much faster than the traditional method of text entry (**Alpha**) and *requires only one key-press per letter* of the word that you're spelling.

1. In standby mode, press the Up navigation key (for **Messages**) and 1 for **New Text Msg**.
2. Enter the phone number of the recipient, then press OK. The default text entry mode appears in the lower right corner of the **Message** screen.
3. If needed, repeatedly press and hold the *+ key until the text entry mode indicator changes to **T9word**.
4. Repeatedly press the *+ key until the text entry mode indicator changes to **T9WORD**.
   - For practice, enter the word "Samsung" by pressing each of the following keys *only once*:

S A M S U N G

T9 Word recognizes that the most commonly used word for the numeric sequence you just entered is "Samsung." If more than one word shares the same numeric sequence, T9 Word provides the most commonly used word. Press 0 to display other words, if available.

Adding Words to the T9 Word Dictionary

If pressing the keys corresponding to a word you want to enter and then pressing the 0 key does not display that word, do the following:

1. Clear the word using the CLR key.
2. Change the text entry mode to Alpha. (For more information, see *"Changing the Text Entry Mode"* on page 44.)
3. Enter the word you want to add to the T9 Word dictionary.
4. Press the 0 key.

   The word is added to the T9 dictionary and becomes the first word for the associated keypress series.

Using Alpha Mode

1. In standby mode, press the Up navigation key (for **Messages**) and 1 for **New Text Msg**.
2. Enter the phone number of the recipient, then press OK. The default text entry mode appears in the lower right corner of the **Message** screen.

3. If needed, repeatedly press and hold the * key until the text entry mode indicator changes to **abc**.
4. Repeatedly press the * key until the text entry mode indicator changes to **ABC**.
   - Enter characters while in Abc mode by pressing the key labeled with the desired characters (such as, press 4 for "G").
   - Press the key repeatedly until the desired character appears in the display (such as, press 4 twice for "H").
   - Pause briefly and the displayed character is accepted and inserted into your message.
   - Press # to enter a space.

Entering Numbers

Enter numbers into a text message while in **123** mode.

1. In standby mode, press the Up navigation key (for **Messages**) and 1 for **New Text Msg**.
2. Enter the phone number of the recipient, then press OK. The default text entry mode appears in the lower right corner of the **Message** screen.
3. If needed, repeatedly press and hold the * key until the text entry mode indicator changes to **123**.
4. Press the key containing the corresponding number that you wish to insert into your message.

Entering Symbols

Symbol mode enables you to enter symbols such as "@" or "%" into a text message.

1. In standby mode, press the Up navigation key (for **Messages**) and 2 for **New Pic Msg**.
2. Enter the phone number of the recipient, then press the Down navigation key to highlight the **Subject** field. The default text entry mode appears to the right of the **Subject** label.
3. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **T9 Word**
   - **Alpha**
   - **Symbol**
   - **Number**

4. The default text entry mode is highlighted. Use the navigation keys to highlight **Symbol**, then press OK. The first of four symbol screens appears in the display.
5. Use the Left and Right navigation keys to page through the other symbols, if desired.
6. Press the key that corresponds with the symbol that you wish to enter. For example, press 4 ghi for an exclamation point (!).
7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

Section 6: Understanding Your Contacts

Topics Covered

- Contacts
- Adding a New Contacts Entry
- Finding a Contacts Entry
- Renaming a Contacts Group
- Editing an Existing Contacts Entry
- Saving a Number After a Call
- Deleting a Contacts Entry

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list. You can have your Contacts entries sorted by name, entry, or group.

Contacts

Up to 500 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and two e-mail addresses. Each phone number can be up to 32 digits in length, including hard pauses, and associated names can be up to 22 characters in length. You can specify the memory location of your choice for each entry. You can also mark your Contacts list as Restricted to prevent unauthorized viewing. (See *"Restriction"* on page 127 for more information).

Note: You cannot store numbers to locations 311, 411, 611, or 911 in your Contacts. These locations are reserved for emergency numbers only.

Tip: One-Touch Dialing, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster.

Open Contacts

1. In standby mode, press the **MENU** key (OK), then press 3 def for **Contacts**. The following options appear in the display:
   - **Find** — Find a phone number By Name, By Entry, By Group, or By Number.

Tip: You can access the **Find** screen directly from standby mode by pressing the **Contacts** (right) soft key ( ).

   - **Add** — Add a number or e-mail to your Contacts.
   - **Rename Group** — Rename one of your five groups.
   - **Memory** — Display available memory for Contacts entries.
2. Use the navigation keys to highlight the option of your choice, and press the OK key.

Tip: You can also press the keypad number key that corresponds to the menu option number.

Adding a New Contacts Entry

You can use either of two methods to add an entirely new entry to Contacts.

Dial Method

1. Using the keypad, enter the number you wish to add to your Contacts.
2. Press the **Save** (right) soft key ( ). The following options appear in the display:
   - **New Entry** — Lets you create a new Contacts entry.
   - **Find** — Lets you add the number you entered to an existing Contacts entry.

3. Use the Navigation key to select **New Entry** and press the OK key. The Select Type screen appears in the display showing the following icons:

4. Use the Navigation key to highlight the type that matches your new entry, then press the OK key.
5. Use the keypad to enter a name to associate with the Contacts entry.
6. Press the OK key to save the entry.

Menu Method

1. In standby mode, press the **MENU** key (OK), press 3 def (for **Contacts**) and 2 abc for **Add**. The following options appear in the display:
   - **Number**
   - **E-Mail**
2. Use the navigation keys to highlight the desired option, then press the OK key.
3. Enter information for the selected option, then press the OK key. The following Confirm options appear in the display:
   - **New Entry**
   - **Find**
4. With **New Entry** highlighted, press the OK key. The following (number type) icons appear in the display:

   Use the navigation keys to highlight the type that matches your new entry, then press the OK key.
5. Use the keypad to enter a name to associate with the Contacts entry.
6. Press the OK key to save the entry.

Finding a Contacts Entry

Voice Method

Use the VoiceSignal **Contacts** command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The **Contacts** command shows the requested contact information in the display but does not dial any phone numbers for the contact.

To look up information for a specific contact:

1. In standby mode, press and hold the Once key to launch **VoiceSignal**.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Contacts**".

   VoiceSignal prompts you to "**Say the name.**"

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your contact list.
   - If VoiceSignal recognizes the name you said, the contact information for that name appears in the display.
   - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say?**" followed by the first name on the list.
4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See *"Choice Lists"* on page 89, for more information.)
   - To say the name again, press the **Help** (right) soft ( ) key.
   - To exit VoiceSignal without dialing, press the **Settings** (left) soft ( ) key and press the **Cancel** (right) soft ( ).
5. The contact information for the name you selected appears in the display.

Menu Method

If you've stored a name entry in Contacts, **Find** allows you to find it quickly.

1. In standby mode, press the **MENU** key ( ), then press 3 def (for **Contacts**) and 1 for **Find**. The **Find** screen appears in the display with **By Name** showing.

Tip: You can access the **Find** screen directly from standby mode by pressing the **Contacts** (right) soft key ( ).

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2. Use the navigation keys to select the method you want to use to find an entry. The following find methods appear in the display:
   - **By Name** — Search Contacts alphabetically by name.
   - **By Entry** — Search Contacts numerically by entry number.
   - **By Group** — Search Contacts by selecting one of the five available groups.
   - **By Number** — Search Contacts by numerically by phone number.

Find by Name

1. In standby mode, press the **MENU** key (OK), then press 3 def (for **Contacts**) and 1 for **Find**. The **Find** screen appears in the display with **By Name** showing.

Tip: You can access the **Find** screen directly from standby mode by pressing the **Contacts** (right) soft key ( ).

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2. Enter a name *as entered in Contacts*. For example, if you saved the name as "Amy Smith", begin the search by pressing 2 abc (for "**A**").

   As you enter letters, the entry number and names of the closest matches appear in the display.
3. When the desired entry appears in the display, use the navigation keys to highlight the entry (if necessary).
4. Press SEND to dial the number associated with the name.
5. Press the OK key to view information about the entry.
6. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Edit** — Edit details of the highlighted name.
   - **Erase** — Erase the name and associated information.
   - **Add New** — Add a new entry to Contacts.
   - **Send Text Msg** — Send a text message to the selected Contact.
   - **Send Pic Msg** — Send a picture message to the selected Contact.
7. Use the navigation keys to highlight an option, then press the OK key. The highlighted option's sub menu appears in the display.

Find by Entry

This option allows you to find a stored entry by its location number.

1. In standby mode, press the **MENU** key (OK), then press 3 def (for **Contacts**) and 1 for **Find**. The **Find** screen appears in the display with **By Name** showing.

Tip: You can access the **Find** screen directly from standby mode by pressing the **Contacts** (right) soft key ( ).

2. Use the Left and Right navigation keys to show **By Entry**.
3. Enter the number that corresponds to the entry, or use the navigation keys to highlight the desired entry.
4. Once the entry is highlighted, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Edit** — Edit details of the highlighted name.
   - **Erase** — Erase the Name and associated information.
   - **Add New** — Add a new entry to your Contacts.
   - **Send Text Msg** — Send a text message to the selected Contact.
   - **Send Pic Msg** — Send a picture message to the selected Contact.
5. Use the navigation keys to highlight an option, then press the OK key. The highlighted option's sub menu appears in the display.

Find by Group

This option allows you to find a stored entry in a related group.

1. In standby mode, press the **MENU** key (OK), then press 3 def (for **Contacts**) and 1 (for **Find**. The **Find** screen appears in the display with **By Name** showing.

Tip: You can access the **Find** screen directly from standby mode by pressing the **Contacts** (right) soft key ( ).

2. Use the **Left** and **Right** navigation keys to show **By Group**.
3. Press the **Down** navigation key briefly to highlight the group name field.
4. Use the **Left** and **Right** navigation keys to show the name of the group that you wish to search. As each group name appears in the display, entries assigned to that group also appear in the display beneath the group name.
5. Use the navigation keys to highlight the desired entry.
6. Press the OK key to display information about the entry.

Find by Entry

This option allows you to find a stored entry by its location number.

1. In standby mode, press the **MENU** key (OK), then press 3 def (for **Contacts**) and 1 (for **Find**. The **Find** screen appears in the display with **By Name** showing.

Tip: You can access the **Find** screen directly from standby mode by pressing the **Contacts** (right) soft key ( ).

2. Use the Left and Right navigation keys to show **By Number**.
3. Enter the first few digits of the phone number that corresponds to the entry, or use the navigation keys to highlight the desired entry.
4. Once the entry is highlighted, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Edit** — Edit details of the highlighted name.
   - **Erase** — Erase the Name and associated information.
   - **Add New** — Add a new entry to your Contacts.
   - **Send Text Msg** — Send a text message to the selected Contact.
   - **Send Pic Msg** — Send a picture message to the selected Contact.
5. Use the navigation keys to highlight an option, then press the OK key. The highlighted option's sub menu appears in the display.

Renaming a Contacts Group

Use this option to rename a group in Contacts.

1. In standby mode, press the **MENU** key (OK), then press 3 def (for **Contacts**) and 3 def for **Rename Group**.
2. Use the navigation keys to highlight the group name that you wish to change, then press the OK key. The current name of the group appears in the display with a flashing cursor at the end of the name.
3. Enter changes to the group name using the keypad. See *"Entering Text"* on page 43 for more information.
4. When you have completed your changes to the group name, press the OK key.

Editing an Existing Contacts Entry

Editing Contacts Name and Numbers

1. Find the Contacts entry you wish to change. See *"Finding a Contacts Entry"* on page 51 for more information.
2. Use the navigation keys to highlight the entry and press the OK key.

3. Use the navigation keys to highlight the contents of a field within the entry that you wish to change, then press the **Option** (left) soft key ( ). The following pop-up menu options appear in the display:
   - **Talk** — Dials the highlighted number.
   - **Edit** — Lets you change the highlighted number.
   - **Erase** — Deletes the highlighted number.
   - **Send Text Msg** — Send a text message to the selected Contact.

Important!: If a Contacts entry has only one number, selecting the Erase option can delete the Contacts entry itself.

4. Use the navigation keys to highlight **Edit**, then press the OK key.
   - Press CLR to backspace and delete numbers or letters.
   - Press and hold CLR to clear all numbers or letters in the highlighted field.
5. When you're finished changing the contents of a field, press the OK key. Your changes are saved and a confirmation message appears in the display.

Add Pauses to Contacts Numbers

Calls to automated systems such as banking services often require a password or account number. Instead of manually entering these numbers, you can store them in a Contacts entry with the phone number and with special characters called pauses, up to a maximum of 32 digits.

- **2 Sec Pause** — Stops the calling sequence for two seconds, then sends the remaining digits.
- **Wait** — Stops the calling sequence until the phone receives further input.

Note: You can enter multiple two-second pauses to extend the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds. Keep in mind pauses count as digits towards the 32-digit maximum.

To add pauses to a Contacts entry number, do the following:

1. Find the Contacts entry associated with the number you want to include one or more pauses. See *"Finding a Contacts Entry"* on page 51 for more information.
2. Select and edit the desired number. See *"Editing an Existing Contacts Entry"* on page 54 for more information.
3. Press the **Option** (left) soft key ( ). The following pause options appear in the display:

- **2 Sec Pause** — A 2-second pause after which dialing resumes.
- **Wait** — A hard pause (waits for input from you).

4. Use the navigation keys to highlight the pause option of your choice.
5. Press the OK key to enter the highlighted pause into the number sequence.
6. When you're finished entering information, press the OK key to store the number to Contacts.

Pause Dial from Contacts

1. If you stored the number using 2 Sec Pause(s), simply recall the number from Contacts.
2. If you stored the number using Wait(s), recall the number from Contacts and wait for the appropriate prompt from the dialed number.
3. Press SEND to dial the number.

Edit an Existing E-mail Address

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 51 for more information.
2. Use the navigation keys to highlight the desired Contacts entry.
3. Press the **Option** (left) soft key ( ). A pop-up menu appears in the display with **Edit** highlighted.
4. Press the OK key. The selected Contacts entry information appears in the display.
5. Use the navigation keys to highlight the **E-Mail** field.
6. Use the keypad to edit the e-mail address. See *"Entering Text"* on page 43 for more information.
7. Press the OK key to save your changes.

Adding an @ Symbol

To insert the @ symbol in an e-mail address, do the following:

1. If needed, use the navigation keys to move the cursor to the appropriate place in the e-mail address.
2. Press the **Option** (left) soft key ( ).
3. Use the navigation keys to select the **Symbol** option, then press the OK key.
4. Press 2abc to enter the @ symbol.

5. Press the OK key to save your changes.

Adding a Domain Type (.com, .edu, or .net)

1. If needed, use the navigation keys to move the cursor to the appropriate place in the e-mail address.
2. Press the **Option** (left) soft key ( ).
3. Use the navigation keys to highlight **.com**, then use the navigation keys to show the desired domain type (**.com**, **.edu**, **.net**), then press the OK key.
4. Press the OK key to save your changes.

Assign a Speed Dial Location to a Contacts Entry

A Contacts entry's Location number corresponds to the number keys you press to speed dial that entry. For example:

- To speed dial the Contacts entry assigned to Location 005, press and hold the 0 key, (1-touch dialing).
- To speed dial the Contacts entry assigned to Location 035, press 3 then press and hold the 0 key, (2-touch dialing).
- To speed dial the Contacts entry assigned to Location 325, press 3, press 2, then press and hold the 0 key (3-touch dialing).

Location numbers can be assigned automatically or manually during new entry creation or can be changed by editing an existing entry.

Automatic Location Assignment

To let your phone automatically assign a Location number to a new Contacts entry, do the following:

► Create the new Contacts entry by following either of the procedures provided in *"Adding a New Contacts Entry"* on page 49.

Manual Location Assignment

To manually assign a Location number to a new Contacts entry, do the following:

1. Follow either of the New Contacts entry procedures (see *"Adding a New Contacts Entry"* on page 49) until you enter a name for the entry.
2. After entering the Contacts entry name, **do not press** the OK key. Instead, use the navigation keys to highlight the **Location** field.
3. Enter the new location using the keypad.

Tip: You can also use the Left and Right navigation keys to browse empty speed dial locations.

Important!: Do not enter Location values 001, 311, 411, 511, or 911. These numbers are already assigned to Voicemail (001), special network features (311, 411, 511), and to emergency use (911).

4. Press the OK key to save your changes.

Changing a Speed Dial Location

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 51 for more information.
2. Use the navigation keys to highlight the desired entry.
3. Press the OK key.
4. Use the navigation keys to highlight the **Location** field.
5. Press the **Edit** (left) soft key ( ).
6. Enter the new location using the keypad.

Tip: You can also use the Left and Right navigation keys to browse empty speed dial locations.

Important!: Do not enter Location values 001, 311, 411, 511, or 911. These numbers are already assigned to Voicemail (001), special network features (311, 411, 511), and to emergency use (911).

7. Press the OK key to save your changes.

Assign Speed Dial Types

If you have more than one number (or type, such as Mobile or Office) for an entry, you can select which of those numbers are dialed when the associated speed dial key is pressed by doing the following:

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 51 for more information.
2. Use the navigation keys to highlight the desired entry.
3. Press the OK key.
4. Use the navigation keys to highlight the **SpeedDial** field, then press the **Edit** (left) soft key ( ).
5. Use the **Left** and **Right** navigation keys to select the desired number (type) for speed dialing.
6. Press the OK key. Your changes are saved.

Assigning a Picture to a Contacts Entry

When you assign a picture to a Contacts entry, the picture that you assigned to the entry appears in the display when you receive a call from the entry.

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 51 for more information.
2. Use the navigation keys to highlight the desired Contact.
3. Press the OK key.
4. Use the navigation keys to highlight the **Picture ID** field, then press the **Option** (left) soft key ( ).
5. Highlight the **Edit** option and press the OK key.
6. The **Picture ID** menu appears in the display with the **No Image** option highlighted. The following options are available:
   - **No Image**
   - **Image Gallery**
   - **Photo Gallery**
7. Use the navigation keys to highlight the **Photo Gallery** option.
8. Press the OK key. The Photo Gallery opens, showing a series of thumbnail photos.
9. Use the navigation keys to highlight the picture that you wish to assign to the Contacts entry.
10. Press the OK key. The Contacts entry screen appears in the display with the selected image's file name in the Picture ID field.
11. Press the OK key to save the picture assignment to the selected Contacts entry.

Saving a Number After a Call

Once you finish a call, you can store the caller's number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the Save option is also unavailable.

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1. Press END to end your call. The call time, length of call, phone number, and name of the party (if available) appear in the display.
2. Press the **Save** (right) soft key ( ). The following options appear in the display:
   - **New Entry** — Lets you create a new Contacts entry.

- **Find** — Lets you add the number you entered to an existing Contacts entry.

3. Follow the instructions in the upcoming sections depending on whether the number is a new entry or you wish to add it to an existing entry.

Add a New Entry

1. Use the navigation keys to highlight **New Entry** and press the OK key. The **Select Type** screen appears in the display showing the following icons:

2. Use the navigation keys to highlight the number type that matches your new entry, then press the OK key.
3. Enter a name for the new entry and press the OK key. The new entry is saved to your Contacts list.

Add to an Existing Entry

1. Use the navigation keys to highlight **Find**, then press the OK key.
2. Use the navigation keys to select the search method that you wish to use (**By Name**, **By Entry**, **By Group**, or **By Number**).
3. Enter information to find the entry, or use the navigation keys to highlight the desired entry, then press the OK key. The following number types appear in the display:

4. Use the navigation keys to highlight the desired number type, then press the OK key. The Contacts entry information appears in the display.
5. Press the OK key again to add the number to the existing entry.

Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. See *"Finding a Contacts Entry"* on page 51 for more information.
2. Use the navigation keys to highlight the desired entry.

3. Press the **Option** (left) soft key . The following options appear in the display:
   - **Edit**
   - **Erase**
   - **Add New**
   - **Send Text Msg**
   - **Send Pic Msg**
4. Use the navigation keys to highlight **Erase**.
5. Press the OK key. The phone prompts you to confirm the deletion.
6. Use the navigation keys to highlight **Yes** or **No**, then press the OK key.

Section 7: Games & Apps

Topics Covered

- Accessing Games & Apps

With Games & Apps, you can download full featured applications over the air including games, personalized ring tones, pictures, and more. You can send and receive instant messages and email, or browse the web to catch up on all the latest news.

This section outlines how to obtain games and other applications for your phone. For more information, contact your Wireless Carrier.

Accessing Games & Apps

Applications Shopping and Downloading

Download games, ring tones, e-mail, and more using the **Games & Apps**.

1. In standby mode, do one of the following to launch **Games & Apps**:
   - Press the Right navigation key.
   - Press the **Menu** key (OK), then press 4 (for **Games & Apps**) and 1 for **Games & Apps**. The following options appear in the display:

Games & Apps **Settings** **Help**

2. Use the Left and Right navigation keys to highlight the **Games & Apps** icon (), then press the OK key.

   Your phone takes a moment to connect, then the **Games & Apps** Catalog menu appears in the display.
3. Follow the instructions in your phone's display.

Note: Please check with your Wireless Carrier for availability of applications.

Changing Your Games & Apps Settings

Use the **Settings** menu in Games & Apps to manage, move, order applications, and much more.

1. In standby mode, do one of the following to launch **Games & Apps**:
   - Press the Right navigation key.
   - Press the **Menu** key (OK), then press 4 (for **Games & Apps**) and 1 for **Games & Apps**. The following options appear in the display:

Games & Apps **Settings** **Help**

2. At the **Games & Apps** menu, use the Left and Right navigation keys to highlight the **Settings** icon (), then press the OK key.

The following options appear in the display:

- **Order Apps** — Download applications over the network.
- **Move Apps** — Move previously downloaded applications between available folders.
- **Manage Apps** — View used and available memory.
- **Main Menu View** — Select whether you wish to view the main **Games & Apps** menu in a list or small icon format.
- **Screen Savers** — Select from a downloaded list of Screen Savers.
- **Data Charge** — Select whether you wish to view data charge warning messages when accessing Games & Apps online functions.
- **View Log** — View the **Games & Apps** log, which displays information about recent activity using **Games & Apps**.

3. Use the Up and Down navigation keys to highlight the desired option.
4. Press the OK key to enter the option's sub-menu and view or change settings.

Using On-line Help

The Help sub-menu within **Games & Apps** is a short tutorial on several **Games & Apps** features. View information about charges, cancelling subscriptions, buying apps, disabling apps, and more.

1. Within in the **Games & Apps** menu, use the Left and Right navigation keys to highlight the **Help** (?) icon.
2. Press the OK key. The Help subjects described in the following items appear in the display.
3. Use the Up and Down navigation keys to highlight the desired Help subject.
4. Press the OK key to view the selected Help information.

Section 8: Messaging

Topics Covered

- Types of Messages
- Create and Send Text Messages
- Receive Text Messages
- Send Picture Messages in Camera Mode
- Send Picture Messages in Standby Mode
- Receive Picture Messages
- Message Boxes
- Erase Messages
- Message Settings

This section explains how to send or receive different types of messages. This section also describes the features and functionality associated with messaging.

Types of Messages

Your phone is able to send and receive Text and Picture messages to compatible phones and devices. Text messages can be up to 150 characters in length.

Note: Available memory is shared between all messages. You can store up to 100 messages. However, the exact number is dependent upon message length.

Create and Send Text Messages

1. In standby mode, press the Up navigation key, then press 1 for **New Text Msg**. The **Send To:** list screen appears in the display.
2. Enter the phone number or e-mail address of the recipient, then press the OK key. The **Message** screen appears in the display.
3. Enter the text content of your message using the keypad. See *"Entering Text"* on page 43 for more information. At any point while composing a message:
   - Repeatedly press and hold the * key to change the text entry mode to one of the following text entry modes:
     - **T9 word**
     - **abc** (for Alpha mode)
     - **123** (for Number mode)
   - Press the **Option** (left) soft key ( ) to complete the message text and set message send options. The following options appear in the display:
     - **Preset Msg** — Insert pre-composed text in your message.
     - **Save As Draft** — Save the message to your Draft folder.
     - **Save As Preset** — Save the message text as a Preset Message.
     - **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.
     - **Delivery** — Specify whether you want a **Msg Receipt** when your messages are received, the **Priority** of your messages (**Urgent** or **Normal**), whether to include your callback number (**CB #**) in your messages, whether to include your **Signature** in your messages.
     - **Cancel Msg** — Cancel sending this message. You are prompted to save this message in your Drafts folder.
4. Once you're finished entering your message, press the OK key.

Receive Text Messages

When you receive a message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon ( ).

The date and time of the message also appear in the display along with the following options:

- **Ignore** (left) soft key ( ) — Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.
- **View** (right) soft key ( ) — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Erase Msg.

Receive Messages While in a Call

When you receive a message while in a call, **New Message** appears in the display along with the closed envelope icon ( ). The date and time of the message also appear in the display along with the following options:

- **Ignore** (left) soft key ( ) — Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.
- **View** (right) soft key ( ) — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Erase Msg.

Send Picture Messages in Camera Mode

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or preloaded sound.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send to** field of the Picture message composer.

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1. In standby mode, press and hold the Camera key ( ). The camera viewfinder screen appears in the display.
2. Using the display as a viewfinder, when the image that you wish to send appears in the display, press the OK key to take a picture.

Note: For more information about using the camera feature in your phone, see *"Multimedia"* on page 92.

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3. Press the OK key to save the picture and begin delivery process. The **New Pic Message** screen then appears in the display with the **Send To** field highlighted. Your new picture appears in the **Picture** field.
4. Enter the phone number or e-mail address of the recipient of the Picture message.

Tip: Press the **Option** (left) soft key ( ) to display a pop-up menu containing: **Contacts** and **Recent Calls**. These options allow you to find and add recipients to the **Send To:** list.

5. Press the Down navigation key until the **Subject** field is highlighted. Enter a subject for the Picture message using the keypad. (*See "Entering Text"* on page 43 for more information.)
6. Press the Down navigation key until the **Message** field is highlighted, then enter the message text using the keypad. (See *"Entering Text"* on page 43 for more information.)
7. If you wish to insert a sound into your Picture message, use the Down navigation key to highlight the **Sound** field and do the following; otherwise, proceed to step 8.
   - Press the **Option** (left) soft key ( ), and select the **Sounds** option. The **Sound** screen appears in the display showing the following options:
     - **Record New** — Record a new memo to insert into the message.

Note: You can record and insert a voice memo of up to 60 seconds in length, if you record first before attaching a picture. If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

     - **Melody 1** – **10** — Select from the list of previously recorded voice memos and preloaded audio files on your phone.

   Use the Up/Down navigation keys to highlight an option, then press the OK key to select the option and insert a sound into your message.

   Press CLR to exit the pop-up menu without inserting a sound.
8. Press the **Next** (right) soft key ( ) to complete the message text and set message send options. The following options appear in the display:
   - **Preview** — View the picture as the recipient will see it.
   - **Send Options** — The following options appear in the display:
     - **Priority** — Choose **High**, **Normal**, or **Low**.
     - **Validity** — Use the Left/Right navigation keys to select the time interval (**None**, **30 Min**, **1 Hour**, **2 Hours**, **12 Hours**, **1 Day**, **2 Days**, or **3 Days**) during which the message will remain valid.
     - **Delivery Ack** — Receive a report when this message is delivered.
   - **Save in Draft** — Save the message to your Draft folder.

   Use the Up and Down navigation keys to highlight an option, then press the OK key to invoke the option.

9. Press the **SEND** (left) soft key ( ) to send the message. "**Pic Msg Sending**" appears in the display and a progress bar indicates the send status.

Send Picture Messages in Standby Mode

Send Picture messages to recipients with a compatible phone or other device, and accompany the Picture message with a voice memo, ring tone, or downloaded melody.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send to** field of the Picture message composer.

1. In standby mode, press the Up navigation key, then press 2abc for **New Pic Msg**. The **New Pic Message** screen then appears in the display with the **Send To** field highlighted.
2. Enter the phone number or e-mail address of the recipient using the keypad, then press the Down navigation key.

Note: Use the Left and Right navigation keys to add CC and BCC recipients.

Tip: Press the **Option** (left) soft key ( ) to display a pop-up menu containing: **Contacts**, text input mode, Internet address type, **Save Address**, and **Recent Calls**. These options allow you to find and add recipients to the message.

3. The **Subject** field appears in the display. Enter a subject for the Picture message using the keypad. (See *"Entering Text"* on page 43 for more information.)
4. Press the Down navigation key until the **Picture** field is highlighted, then press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Photo Gallery** — Select or take a picture to include in your message.
   - **Image Gallery** — Select a downloaded image to include in your message.
   - **Erase** — Remove an included picture or image from your message.
5. Use the Up and Down navigation keys to highlight **Photo Gallery** or **Image Gallery**, then press the OK key. A gallery of thumbnail pictures or images appears in the display.
6. Use the Navigation key to highlight a picture or image to be added to your message, then do the following:

- If you want, press the **Expand** (left) soft key ( ) to expand the highlighted picture to full-screen size.
- If you want to include a new picture, press the **Camera** (right) soft key ( ).

Note: For more information about using the camera feature in your phone, see *"Multimedia"* on page 92.

- Press the OK key to add the highlighted picture or image to your message.

You are returned to the **New Pic Message** screen with the selected picture or image in the **Picture** field.

7. Press the Down navigation key until the **Message** field is highlighted, then enter the message text using the keypad. (See *"Entering Text"* on page 43 for more information.)
8. If you wish to insert a sound into your Picture message, use the Down navigation key to highlight the **Sound** field and do the following; otherwise, proceed to step 8.
   - Press the **Option** (left) soft key ( ), and select the **Sounds** option. The **Sound** screen appears in the display showing the following options:
     - **Record New** — Record a new memo to insert into the message.

Note: You can record and insert a voice memo of up to 60 seconds in length, if you record first before attaching a picture. If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

     - **Melody1** – **Melody10** — Select from the list of previously recorded voice memos and preloaded audio files on your phone.
   - Use the Up/Down navigation keys to highlight an option, then press the OK key to select the option and insert a sound into your message.
   - Press CLR to exit the pop-up menu without inserting a sound.
9. Press the **Next** (right) soft key ( ) to complete the message text and set message send options. The following options appear in the display:
   - **Preview** — View the picture as the recipient will see it.
   - **Send Options** — The following options appear in the display:
     - **Priority** — Choose **High**, **Normal**, or **Low**.
     - **Validity** — Use the Left/Right navigation keys to select the time interval (**None**, **30 Min**, **1 Hour**, **2 Hours**, **12 Hours**, **1 Day**, **2 Days**, or **3 Days**) during which the message will remain valid.
     - **Delivery Ack** — Receive a report when this message is delivered.
   - **Save in Draft** — Save the message to your Draft folder.

   Use the Up/Down navigation keys to highlight an option, then press the OK key to invoke the option.

10. Press the **SEND** (left) soft key ( ) to send the message. "**Pic Msg Sending**" appears in the display and a progress bar indicates the send status.

Receive Picture Messages

When you receive a Picture Message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon ( ). The date and time of the message also appear in the display along with the following options:

- **Ignore** (left) soft key ( ) — Lets you view the message at a later time.
- **View** (right) soft key ( ) — Lets you view the message now.

View a Picture Message Later

1. In standby mode, press the Up navigation key, then press 4GHI (for **Inbox**). The **INBOX** screen appears in the display.
2. If the new Picture message is not highlighted, use the Up and Down navigation keys to highlight the new message.
3. Press the OK key. "**Pic Msg Retrieving**" appears in the display accompanied by a progress bar indicating that the message is downloading to your phone.
4. Once a Picture message has been downloaded to your phone, the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.

Note: For more information on viewing and managing received picture messages, see *"Inbox"* on page 72.

View a Picture Message Now

1. After you select the **View Now** option, "**Pic Msg Retrieving**" appears in the display accompanied by a progress bar indicating that the message is downloading to your phone.
2. After the Picture message has downloaded, an alert sounds, and the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.
3. While viewing your message press the **Options** (right) soft key ( ). The following options appear in the display:
   - **Replay** — Play the sound file included in the picture message again.
   - **Forward** — Send a copy of this message to another recipient.
   - **Reply** — Compose and send a message to the sender of this message.

- **Erase** — Delete this message (if it is unlocked) from the Inbox.
- **Save Pic** — Save the picture included in this message to the My Images folder.
- **Save Sound** — Save the sound file included in this message to the My Sounds folder.
- **Save Contact** — Save the sender's number to your Contacts.
- **Lock / Unlock** — Block/permit erasure of the highlighted message.
- **Message Info** — Shows message delivery status, addressee, size, and so on.

4. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Note: For more information on received picture message options, see *"Inbox"* on page 72.

Message Boxes

Your phone stores messages in any one of five message boxes. The subsections that follow describe each message box in detail.

Inbox

Received messages of all types (except Voicemail) are stored in the **Inbox**.

1. In standby mode, press the Up navigation key, then press 4 for **Inbox**. A list of incoming messages appears in the display.

Tip: While in a call, press the **MSG** (right) soft key ( ) to open the **Messages** menu.

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2. Use the Up and Down navigation keys to highlight the message that you wish to view.
3. Press the OK key to view contents of the highlighted message.
4. While viewing your message press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Reply** — Compose and send a reply message to the sender of this message.
   - **Lock / Unlock** — Block/permit erasure of the highlighted message.
   - **Erase** — Removes the highlighted message from this folder.
   - **Forward** — Send a copy of this message to another recipient.
   - **Save Contact** — Save the sender's number to your Contacts.
5. Use the Up and Down navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Managing Inbox Messages

1. In standby mode, press the Up navigation key, then press 4 for **Inbox**. A list of incoming messages appears in the display.

2. Use the Up and Down navigation keys to highlight a message in the list.
3. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Reply** — Compose and send a reply message to the sender of this message.
   - **Lock / Unlock** — Block/permit erasure of the highlighted message.
   - **Erase** — Removes the highlighted message from this folder.
   - **Forward** — Send a copy of this message to another recipient.
   - **Message Info** — Shows message sender, message type, size, and so on.
4. Use the Up and Down navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or e-mail was successfully received by enabling the Enh. Delivery Ack/Delivery Ack feature.

Review Messages in the Outbox

1. In standby mode, press the Up navigation key, then press 0 5 JKL 0 for **Outbox.** Your list of sent messages appear in the display.
2. Use the Up and Down navigation keys to highlight a message that you wish to review, then press the OK key.
3. While viewing your message press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resend** — Send the selected message to the same recipient, again.
   - **Lock / Unlock** — Block/permit erasure of the highlighted message.
   - **Erase** — Deletes the selected message.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.
4. Use the Up and Down navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Managing Outbox Messages

1. In standby mode, press the Up navigation key, then press 0 5 JKL 0 for **Outbox.** Your list of sent messages appear in the display.
2. Use the Up and Down navigation keys to highlight a message.

3. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resend** — Re-send the highlighted message to the original or another recipient.
   - **Lock / Unlock** — Block/permit erasure of the highlighted message.
   - **Erase** — Delete the highlighted message from the Outbox.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.
4. Use the Up and Down navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Drafts

Messages in the Drafts folder are those that have been composed but never sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

Create a Draft Message

1. In standby mode, press the Up navigation key, then press 1 (for **New Text Msg**), or 2abc (for **New Pic Msg**), or 3def (for **New Handwr.Msg**). The **Send To:** screen or the **New Pic Message** screen appears in the display with the **Send To** field highlighted.
2. Enter the phone Number or E-Mail address of the recipient, then press the OK key.
3. Compose your message using the keypad, then press the **Option** (right) soft key ( ).
4. Use the navigation keys to highlight **Save As Draft**, then press the OK key. A confirmation message appears in the display and your message is saved to the Drafts box.

View and Edit Draft Text Messages

1. In standby mode, press the Up navigation key, then press 6mno for **Drafts**. A list of any draft messages that you've saved appears in the display.
2. Use the navigation keys to highlight a text message that you wish to view or edit, then press the OK key. The message text edit screen appears in the display.
3. Change the message text using the keypad. (See *"Entering Text"* on page 43 for more information.)
4. Press the **Option** (right) soft key ( ) to complete the message text and set message send options. The following options appear in the display:
   – **Preset Msg** — Insert pre-composed text in your message.

- **Save As Draft** — Save the message to your Draft folder.
- **Save As Preset** — Save the message text as a Preset Message.
- **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.
- **Delivery** — Specify whether you want a **Msg Receipt** when your messages are received, the **Priority** of your messages (**Urgent** or **Normal**), whether to include your callback number (**CB#**) in your messages, whether to include your **Signature** in your messages.
- **Cancel Msg** — Cancel sending this message. You are prompted to save this message in your Drafts folder.

5. Use the navigation keys to highlight the desired option, then press the OK key to perform the function for the highlighted option.
6. When you have completed composing your message, press the OK key to send it.

View and Edit Draft Pic. Messages

1. In standby mode, press the Up navigation key, then press 6 mno for **Drafts**. A list of any draft messages that you've composed appears in the display.
2. Use the navigation keys to highlight the picture message that you wish to view, then press the **Edit** key (OK). The message edit screen appears in the display.
3. While making any needed changes, press the **Option** (left) soft key ( ). The options that appear in the display depend upon what field you have highlighted:
   - **Send To/CC/BCC** options:
     - **Contacts** — Lets you Find a Contact to receive this message.
     - **Number/T9 Word/Alpha/Symbol** — Lets you select the text input mode.
     - **.com/.edu/.net** — Lets you select the domain type for an Email address.
     - **Save Address** — Saves the recipient's address to a Contacts entry.
     - **Recent Calls** — Lets you select a recent caller as a recipient of this message.
   - **Subject** options:
     - **T9 Word/Alpha/Symbol/Number** — Let you select the text input mode.
   - **Picture** options:
     - **Photo Gallery** — Select or take a picture to include in your message.
     - **Image Gallery** — Select a downloaded image to include in your message.
     - **Erase** — Remove an included picture or image from your message.
   - **Message** options:
     - **T9 Word/Alpha/Symbol/Number** — Let you select the text input mode.
     - **Preset Msg** — Lets you select and insert precomposed text into this message.

- **Sound** options:
  - **Sounds** — Lets you record or select from the list of previously recorded voice memos or select a preloaded audio file on your phone and add it to this message.
  - **Erase** — Remove an included voice memo or sound file from your message.

Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

4. When you have completed composing your message, press the **SEND** (left) soft key ( ) to send the message using current message send options settings, or press the **Next** (right) soft key ( ) to change message send options settings. The following options appear in the display:
   - **Preview** — View the picture message as the recipient will see it.
   - **Send Options** — The following options appear in the display:
     - **Priority** — Choose **High**, **Normal**, or **Low**.
     - **Validity** — Use the Left/Right navigation keys to select the time interval (**None**, **30 Min**, **1 Hour**, **2 Hours**, **12 Hours**, **1 Day**, **2 Days**, or **3 Days**) during which the message will remain valid.
     - **Delivery Ack** — Receive a report when this message is delivered.
   - **Save in Draft** — Save the message to your Draft folder.

   Use the Up/Down navigation keys to highlight an option, then press the OK key to invoke the option.

   When you have finished setting message send options, press the **SEND** (left) soft key ( ) to send the message. "**Pic Msg Sending**" appears in the display and a progress bar indicates the send status.

Managing Draft Messages

1. In standby mode, press the Up navigation key, then press 6 mno for **Drafts**. A list of any draft messages that you've composed appears in the display.
2. Use the navigation keys to highlight a message.
3. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Erase** — Delete all unlocked draft messages.
   - **Lock / Unlock** — Block/permit erasure of the highlighted message.
4. Use the Up/Down navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Voicemail

Messages in your voice mailbox are logged in the Voicemail box of the **Messages** menu. Open the Voicemail box to view the **Callback #** (if available), **Urgency**, and other details of the Voicemail message.

Listen to Voicemail Now

Once you've received a new voicemail message, you have the option to either:

- **Ignore** (left) soft key ( ) — Returns you to standby mode where you can later choose to call your mailbox and review your messages.
- **Listen** (right) soft key ( ) — Calls your voice mailbox and allows you to listen to your messages now.

Listen to Voicemail Later

If you have chosen to review your voicemail messages at a later time:

1. In standby mode, press the Up navigation key, then press 7 pqrs for **Voicemail**. The Voicemail screen appears in the display, showing the number of new voicemail messages received and the date and time the latest message was received.
2. Press the SEND key or the OK key to call your voice mailbox and listen to the message.

Note: You can also press and hold 1 to dial your voice mailbox.

WAP Push

Occasionally, your Wireless Provider may send notifications for your phone in the form of Wireless Application Protocol (WAP) Push alerts. These alerts may contain information on new services or updates. When your Wireless Provider posts an alert, you will receive a text notification on your phone and hear a tone.

Note: Contact your Wireless Provider for availability.

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1. In standby mode, press the Up navigation key, then press 8 tuv (for **Wap Push**).

   An Alert Inbox status screen indicating the number of new alert messages in your WAP mailbox appears in the display.
2. Use the navigation keys to highlight the desired WAP alert.
3. Press the OK key to view the selected WAP alert.

Erase Messages

You can erase all of the messages in each your boxes from one convenient location.

Note: This function erases all messages in the selected box. To delete a single message, open the box from the **Messages** menu, then delete the message from the **Options** menu while viewing the message content.

1. In standby mode, press the Up navigation key, then press 6MNO for **Erase Messages**. The following options appear in the display:
   - **Voice** — Deletes all voicemail envelopes stored in the Voicemail folder.
   - **Inbox** — Deletes all unlocked messages stored in the Inbox.
   - **Outbox** — Deletes all unlocked messages stored in the Outbox.
   - **Drafts** — Deletes all unlocked messages stored in the Drafts box.
   - **All Messages** — Deletes all unlocked messages stored in all of the message boxes, except Voicemail.
2. Use the navigation keys to highlight the box containing the messages that you wish to delete.
3. Press the OK key. You're prompted to confirm the erasure of all messages in the selected box or in all boxes.
4. Press the **Yes** (left) soft key ( ) to delete the messages. Press the **No** (right) soft key ( ) cancel deleting the messages.

Message Settings

Use the **Msg Setting** sub-menus to define settings for messages.

1. In standby mode, press the Up navigation key, then press 9WXYZ for **Msg Setting**. The following options appear in the display.
   - **Notification** — Choose whether new messages are indicated by **Msg. & Icon**, or by **Icon Only**.
   - **Auto Save** — Choose whether your messages are saved automatically when you exit them (**Auto Save, Prompt, Do not Save**).
   - **Auto Erase** — Choose to receive (**On**) or not receive (**Off**) a warning message when you delete a message.
   - **Auto View** — Choose whether to automatically view received messages.
   - **Entry Mode** — Choose the default method for entering text into messages (**T9 Word**, **Alphabet**, **Number**).
   - **CB #** — Choose whether to include a callback phone number with your outgoing messages, and enter the number to be included.
   - **VM #** — Edit or view your Voicemail number.
   - **Signature** — Choose whether to include a text signature in outgoing message text, and enter the text to be included.

- **Preset Msgs** — Edit your pre-composed messages, which can then be inserted into new messages.
- **Auto Scroll** — When set to **On**, the phone automatically scrolls message text, letting you see the complete message text without using the Navigation key.

2. Use the navigation keys to highlight the desired option. Press the OK key to enter the highlighted option's sub-menu.

Editing and Entering Preset Messages

1. In standby mode, press the Up navigation key, then press 9wxyz (for **Msg Setting**), and 9wxyz for **Preset Msgs**. The **Preset Msgs** sub-menu appears in the display.
2. Use the **PgDn** (left) soft key ( ) and the Up and Down navigation keys to highlight a Preset Message (16 – 30) that you want to compose or change, then press the OK key. [You cannot change the pre-defined Preset Messages (1 – 15) included with your phone.]

Tip: You can also create new Preset Message by viewing/editing an Outbox message and using the **Save Preset Message** option in the **Options** menu. (See *"Review Messages in the Outbox"* on page 73 for more information.)

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3. Enter/change the text content of your Preset Message using the keypad. (See *"Entering Text"* on page 43 for more information.)

   Press and hold the *+# key or press the **Option** (left) soft key ( ) to change Text Input Mode.
4. Once you're finished entering your Preset Message, press the OK key. The **Preset Msgs** menu appears in the display with your new Preset Message highlighted.

Section 9: Browser

Topics Covered

- Browser
- Launching Browser
- Using Browser
- Using Links
- How Browser Keys Work

This section outlines how to launch Browser, how to navigate to other pages on the web, and how the keys on the keypad are used with the web application. Additionally, links to other sites are briefly discussed.

Browser

With Browser, you can conveniently surf the web and download ringtones and wallpapers using your phone. Each time you launch Browser, your phone connects to the Internet and the service indicator icon ( ) appears in the display.

Stored Web Content

Browser ends an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically re-connect to the Internet.

Launching Browser

1. In standby mode, do one of the following to launch **Browser**:
   - Press the Left navigation key.
   - Press the **Menu** key (OK), then press 05 JKL (for **Browser**) and 1 (for **Go to Web**.
2. A list of categories (each representing one or more web sites) appears in the display.
3. Use the navigation keys to browse the categories.
4. Once the desired category is highlighted, press the ✓ (left) soft key ( ) to enter the category list.

Exit Browser

▶ Press END to exit **Browser**.

Using Browser

When you use Browser, some of the keys operate differently than during a normal phone call. Browser presents on-screen items in any of the following ways:

- Text or numeric input.
- Links (embedded in content).
- Numbered options (some may not be numbered).
- Simple text.

You can act upon options or links by using the soft keys.

Browser soft keys

the bottom of the Browser display is a bar that contains browser commands. The Left and Right ( ) soft keys on the keypad are used to execute the command that appears above them in the display. These are called “soft keys” because their function changes depending on the application.

Using Links

Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside of brackets ([ ]). You can normally use the left soft key ( ) to select a link when it is highlighted.

How Browser Keys Work

The following table lists Browser keys and their functions.

navigation keys — Use to browse lists and options

CLR Key — A browse, back-up key. Press once to back up one page. Press and hold to go back to home page.

Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.

Asterisk/Shift Key — Press before entering text to enable uppercase characters.

Next Key — Press to enter a zero (0), or to display another word in the dictionary when in T9 Word entry mode.

Pound/Space Key — Press to insert a space when entering text.

Number 1 thru 9 — Use the number keys to select items in a menu if they are numbered.

End Key — Press to exit the Browser and return the phone to standby mode.

Left Soft Key — Press to activate the command that appears above it in the display.

Right Soft Key — Press to activate the command that appears above it in the display.

Section 10: Voice SVC

Topics Covered

- Voice SVC Options
- Voice Commands
- Voice Memo
- Voice Settings

This section explains how you can use and customize your phone's VoiceSignal voice recognition feature.

Voice SVC Options

Your SCH-u340 includes VoiceSignal, state-of-the-art voice recognition software that lets you use your voice to dial numbers, access your Contacts list, and open Tools/Utilities. To access your phone's voice recognition, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8tuv for **Voice SVC**. The following options appear in the display:
   - **Voice Command** — Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see *"Voice Dialing"* on page 26 and *"Voice Method"* on page 51 for more information.
   - **Voice Memo** — Lets you Record, Review, and Erase voice memos.
   - **Voice Settings** — Lets you tailor VoiceSignal to better respond to your voice and your phone use preferences.

   See *"Digit Dialing"* on page 87 for more information.
2. Use the navigation keys to highlight the desired sub-menu, then press the OK key.

Voice Commands

To access the Voice Commands menu, do one of the following:

- In standby mode, press and hold the 0+ key.

  "**Say a Command**" appears in the display and is pronounced through the earpiece, followed by a list of available commands.
- In standby mode, press the **MENU** key (OK), then press 8tuv (for **Voice SVC**) and 1 for **Voice Command**.

Note: You can also set your phone to start VoiceSignal when you open the phone. See *"Voice Launch"* on page 91 for more information.

The following voice commands appear in the display:

- **Voice Dial** — Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or "train" that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number. (See *"Voice Dialing"* on page 26 for more information.
- **Voice Memo** — Lets you record a voice memo (for more information, see *"Using Melody Gallery"* on page 102).

- **Today** — Lets you access the Event(s) scheduled for today (for more information, see *"Today"* on page 104).
- **Calendar** — Lets you access the current scheduling Calendar (for more information, see *"Calendar"* on page 105).
- **Contacts** — Lets you find a Contact by name and review the Contact's information. (For more information, see *"Finding a Contacts Entry"* on page 51.)
- **Status** — Shows your phone's Coverage, Signal Strength, and Battery level.

Note: Speaking clearly, say the command that you want to use. If VoiceSignal does not recognize a command, it prompts you to repeat the command. If VoiceSignal still does not recognized the command, it tells you "**Sorry, no match found**" and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice Memo

You can use your phone to record voice memos for later playback. You can also record the caller on the other end of the line during a phone conversation.

Note: There is limited space for the number and length of recordings.

- The maximum number of voice memos is 10.
- The maximum length for a single voice memo is 60 seconds.

Record a Voice Memo

1. In standby mode, press the **MENU** (OK) key, press 8tuv (for **Voice SVC**), 2abc (for **Voice Memo**), and 1 for **Record**. The phone prompts, "**Please record after the beep.**"

Tip: To launch **Voice Memo** using a voice command — In standby mode, press the OK key. When the phone prompts, "**Say a command.**" Say "**Voice Memo**" into the microphone.

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2. Wait for the beep, then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.
   - To pause the memo, press the **Pause** (left) soft key ( ). When a memo is paused, select **Resume** to resume recording.
3. Press the **Stop** (right) soft key ( ) once you're finished recording. The **Memo Review** list appears in the display with the newest memo highlighted.

4. Press the **Play** (right) soft key ( ) to review the newest memo.
5. For other options, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Erase** — Erase a selected voice memo.
   - **Erase All** — Erase all voice memos.
   - **Edit Caption** — Change the name assigned to a selected voice memo.
   - **Info** — Shows the Memo Title, Length and Size, and date and time Recorded for a selected voice memo.
6. Use the navigation keys to highlight an option. Press the OK key to perform the function for that option.

Review and Erase Voice Memos

If you've saved any voice memos, you can review them anytime.

1. In standby mode, press the **MENU** (OK) key, then press 8tuv (for **Voice SVC**), 2abc (for **Voice Memo**), and 2abc for **Review**. A list of saved voice memos appears in the display.
2. Use the navigation keys to highlight the voice memo you wish to review.
3. Press the **Play** (right) soft key ( ) to play the voice memo.
4. Press the **Option** (left) soft key ( ) to **Erase**, **Erase All**, **Edit Caption**, or show **Info** about voice memos.

Erase All Voice Memos at One Time

1. In standby mode, press the **MENU** (OK) key, then press 8tuv (for **Voice SVC**), 2abc (for **Voice Memo**), and 3def for **Erase All**. "**Erase all Voice Memos?**" appears in the display.
2. Use the navigation keys to highlight **Yes** (to erase all memos) or **No** (to return to the previous menu).
3. Press the OK key to confirm your selection.

Voice Settings

Digit Dialing

If you regularly have trouble with VoiceSignal not recognize the numbers you say, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Voice SVC**), 3 def (for **Voice Setting**), and 1 for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Adapt Digits**, then press the OK key. Your phone displays text describing the Adapt Digits process.
3. Press the OK key. Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.
4. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "**Did the recording sound ok?**"
   - If the recording was good, say "**Yes**."
   - If you need to re-record, say "**No**."

   If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.

   Repeat this step until you're satisfied with the recording.
5. After confirming that the recording sounds "ok", continue the recording process with the next set of digits.
6. After 10 sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."

7. Repeat steps 4 and 5 for another 10 sets of digits. After the second group of 10 sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Digit Dialing** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8tuv (for **Voice SVC**), 3def (for **Voice Setting**), and 1 for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Reset Digits**, then press the OK key. The phone prompts you to confirm digit rest.
3. Press the **OK** (left) soft key ( ) to reset your digit adaptation, or press the **Back** (right) soft key ( ) to cancel.

Sensitivity

1. In standby mode, press the **MENU** key (OK), then press 8tuv (for **Voice SVC**), 3def (for **Voice Setting**), and 2abc for **Sensitivity**. The following Sensitivity options appear in the display:
   - **Commands**
   - **Names**
2. Use the Up and Down navigation keys to highlight the desired Sensitivity option, then press the OK key or the **Select** (left) soft key ( ).
3. Use the Up and Down navigation keys to adjust the selected Sensitivity setting incrementally between **Reject More** spoken commands or names and **Reject Less** spoken commands or names.
4. Press the OK key or the **OK** (left) soft key ( ) to accept the new setting. Press the CLR key to discard the new setting and return to the **Voice Setting** menu.

Choice Lists

When VoiceSignal cannot recognize a name or number, it displays a choice list of up to three possible choices, and prompts you to confirm the correct one.

You can select how VoiceSignal will use choice lists with name dialing, digit dialing, and contacts.

To change the way VoiceSignal uses choice lists:

1. In standby mode, press the **MENU** key (OK), then press 8tuv (for **Voice SVC**), 3def (for **Voice Setting**), and 3def for **Choice Lists**. The following Choice Lists options appear in the display:
   - **Name Dialing**
   - **Digit Dialing**
   - **Contacts**
2. Use the navigation keys to highlight the Choice List you prefer, then press the OK key or the **Select** (left) soft key ( ). The following options appear in the display:
   - **Automatic** — VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.
   - **Always On** — VoiceSignal always displays a choice list, even when there is only one choice.
   - **Always Off** — VoiceSignal never displays a choice list.
3. Use the navigation keys to highlight the Choice List behavior you prefer, then press the OK key or the **OK** (left) soft key ( ) to accept the new setting.
4. Press the CLR key to discard the new setting and return to the **Voice Settings** menu.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. In standby mode, press the **MENU** key (OK), then press 8tuv (for **Voice SVC**), 3def (for **Voice Setting**), and 4ghi for **Sound**. The following options appear in the display:
   - **Prompts** — On/Off — Enables or disables audio prompts.
   - **Digits** — On/Off — Enables or disables digit playback.
   - **Names** — On/Off — Enables or disables name playback.
   - **Name Settings** — Lets you adjust the **Speed** (**Faster** or **Slower**) and **Volume** (**Louder** or **Softer**) of your phone's audio name playback.
2. Use the Up and Down navigation keys to highlight the desired option, then press the OK key.
3. Use the Up and Down navigation keys to highlight the desired setting.

4. Press the OK key or the **OK** (left) soft key ( ) to accept the new setting. Press the CLR key to discard the new setting and return to the **Sound** menu.

Voice Launch

To set the key or action that launches VoiceSignal, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Voice SVC**), 3 def (for **Voice Setting**), and 0 5 jkl 0 for **Voice Launch**. The following options appear in the display:
   - **Voice Key** — Press and hold to activate VoiceSignal for one call.
   - **Voice Key or Flip Open** — Press and hold to activate VoiceSignal for repeated calls. Open and close flip to make and end calls using Voice Recognition. Press to release VoiceSignal.
   - **Voice Key or EarMic** — Attach a headset to your phone. Press and hold or press and hold the button on the headset to activate VoiceSignal.
2. Use the navigation keys to highlight the option you want, then press the OK key or the **OK** (left) soft key ( ) to save and exit. Press the CLR key to discard the new setting and return to the **Voice Settings** menu.

About

This option causes the **About VoiceSignal** screen to appear in the display, showing version and build information about the VoiceSignal software included on your phone.

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Voice SVC**), 3 def (for **Voice Setting**), and 6 mno for **About**.

   The **About VoiceSignal** screen appears in the display showing the version level of the VoiceSignal software currently installed on your phone.

Section 11: Multimedia

Topics Covered

- Camera
- Using My Photo Gallery
- Using Image Gallery
- Using Melody Gallery

Use your SCH-u340 phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends.

With Games & Apps, you can download personalized ringtones, pictures, and more. For more information, contact your Wireless Carrier.

Camera

Taking Pictures

Taking pictures with the built-in camera is as simple as choosing a subject, pointing the lens [located on the outside of the flip (above the external display)], and pressing a button.

Simple Snap Shot

To take a single picture using the current camera settings, do the following:

1. In standby mode, press and hold the camera key ( ) on the right side of the phone.

   The message "**Camera Starting...**" appears in the display followed by a camera viewfinder screen. (See *"Camera Screen"* on page 94 for more information.)

Note: You can also activate the camera by pressing the **Menu** key (OK), then press 4 GHI (for **Multimedia**) and 1 for **Take a Photo**.

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2. Point the camera lens at your subject.
3. Using the display as a viewfinder, press the OK key or the Camera key ( ) when the image that you wish to capture appears in the display.
4. Press the **Save** (left) soft key ( ) to save the picture to the Image gallery in your phone, a part of the phone's memory devoted to storing, browsing, and viewing saved pictures.

   Press the **Send** key (OK) to save the picture and include it in a Picture message. (See Send Picture Messages in Camera Mode for more information.)

   Press the **Erase** (right) soft key ( ) to erase the photo.

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. See *"Camera Shortcuts"* on page 95 for more information.

Camera Screen

When you activate your phone's camera, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed. The soft key labels on the bottom line of the display change to the following:

- **Option** — Pressing the left soft key ( ) opens a pop-up menu of camera settings.
- **Take** — Pressing the OK key takes a picture of the image currently appearing on the display.
- **Gallery** — Pressing the right soft key ( ) opens the **Picture Gallery** so you can view or manage your stored pictures.

Camera Screen Icons

Camera — Indicates your device is in Camera mode.

Resolution — Indicates the current Resolution setting [**Med** shown].

Zoom — Indicates the current Zoom setting [01 (no Zoom) shown]. The direction arrows indicate that the Left and Right navigation keys adjust the Zoom setting.

Brightness — Indicates the current photo Brightness setting [0 (no Brightness) shown]. The direction arrows indicate that the Up and Down navigation keys adjust the Brightness setting.

Memory Counter — Indicates the maximum number of photos you can take at the current Resolution and Quality settings.

Multishot — Indicates the Multishot counter and setting (**0/5** shown). [Multishot setting is determined by Resolution setting. (**Resolution** = **High**, Multishot = **3**; **Resolution** = **Medium**, Multishot = **5**; **Resolution** = **Low**, Multishot = **7**.)

Self Timer — Delays the camera shutter by either 5 or 10 seconds after you press the **Camera** key ( ) or the OK key.

White Balance — Indicates the current photo White Balance setting (AUTO shown).

Camera Shortcuts

You can use the Navigation Keys to quickly access both the Brightness and Zoom capabilities of the built in camera. When you exit the camera mode, all camera settings return to default values.

Brightness

1. In camera mode, change the brightness of your pictures using the Up and Down navigation keys. Options are **+4 – -4**.
2. Press the OK key or the Camera key ( ) to take the picture.

Zoom in on a Subject

Your camera has digital zoom capabilities of up to x3 with Resolution set to Low. Pictures may appear somewhat grainy as you zoom in; this is a normal result of digital enhancement.

Note: The Zoom setting is affected by the Resolution setting. With Resolution set to **High**, no zoom is available. With Resolution set to **Medium**, Zoom settings **1** – **3** are available. With Resolution set to **Low**, Zoom settings **1** – **5** are available.

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1. In camera mode, press the Left and Right navigation keys to zoom in and out on your subject.
2. Press the OK key or the Camera key ( ) to take the picture.

Camera Options

The Camera Options let you temporarily override your default camera settings. Any settings you change using the Camera Options only apply to the current camera session or until you make another change using the Camera Options.

Set Camera Resolution

1. In camera mode, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Multi Shot**
   - **Fun Frame**
   - **Color Tones**
   - **White Balance**
   - **Quality**
   - **Shutter Sound**
2. Use the Navigation key to highlight **Resolution**, then press the OK key. The following options appear in the display:
   - **High** — 640x480 pixels
   - **Medium** — 320x240 pixels
   - **Low** — 160x120 pixels
3. Use the navigation keys to highlight the desired resolution setting, then press the OK key.

Delay Pictures with the Self Timer

Self Timer lets you delay a picture long enough so you or the person taking the picture can join others in the picture.

1. In camera mode, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Multi Shot**
   - **Fun Frame**
   - **Color Tones**
   - **White Balance**
   - **Quality**
   - **Shutter Sound**
2. Use the Navigation key to highlight **Self Timer**, then press the OK key. The following options appear in the display:
   - **Off**
   - **5 sec**
   - **10 sec**

3. Use the Navigation key to highlight the desired delay, then press the OK key. The Self Timer icon ( ) appears in the display.

   The next time you press the Camera key ( ) or the OK key, a countdown timer appears on the last line of the display and indicates the number of seconds remaining before the camera takes the picture.

Multi Shot

The **Multi Shot** option lets you set the camera to take 3, 5, or 7 pictures automatically, in quick succession.

Note: The **Multi Shot** setting is affected by the Resolution setting. With Resolution set to **High**, **Multi Shot** is set to **3**. With Resolution set to **Medium**, **Multi Shot** is set to **5**. With Resolution set to **Low**, **Multi Shot** is set to **7**.

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1. In camera mode, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Multi Shot**
   - **Fun Frame**
   - **Color Tones**
   - **White Balance**
   - **Quality**
   - **Shutter Sound**
2. Use the Navigation key to highlight **Multi Shot**, then press the OK key. The Multi Shot progress bar and picture counter [07 (Resolution = **High**), or 07 (Resolution = **Medium**), or 07 (Resolution = **Low**)] appear in the Camera screen.

   The next time you press the Camera key ( ) or the OK key, the camera takes three pictures or five pictures in rapid succession.

Fun Frame

The Fun Frame option lets you temporarily apply one of the preloaded picture frames in your device's camera to characterize or enhance one or more pictures.

1. In camera mode, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Multi Shot**

- **Fun Frame**
- **Color Tones**
- **White Balance**
- **Quality**
- **Shutter Sound**

2. Use the Up and Down navigation keys to highlight **Fun Frame**, then press the OK key). The name of the current frame appears in the top line of the display.

Note: The **Normal** frame is a blank frame.

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3. Use the Navigation key to show the various Fun Frames.
4. When you decide on the frame you wish to use, press the OK key. The camera screen appears in the display with your selected Fun Frame in place.

   The next time you press the Camera key ( ) or the OK key, the camera includes the selected Fun Frame in your picture.

Color Tones

Color Tones lets you change the color range and/or contrast of your pictures.

1. In camera mode, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Multi Shot**
   - **Fun Frame**
   - **Color Tones**
   - **White Balance**
   - **Quality**
   - **Shutter Sound**
2. Use the Up and Down navigation keys to highlight **Color Tones**, then press the OK key. The current Color Tone setting appears in the Camera screen.
3. Use the Left and Right navigation key to show the various Color Tones (**Normal**, **Sepia**, **Monochrome**, **Negative**, **Emboss**, **Sketch**) and their affects, then press the OK key. The camera applies the selected Color Tone setting to your next picture.

White Balance

White Balance allows you to adjust picture quality according to available light.

1. In camera mode, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Multi Shot**
   - **Fun Frame**
   - **Color Tones**
   - **White Balance**
   - **Quality**
   - **Shutter Sound**
2. Use the Navigation key to highlight **White Balance**, then press the OK key. The following White Balance options appear in the display:
   - **Auto** — The camera automatically adjusts the White Balance to available light.
   - **Sunny** — Use this setting when taking pictures in full sun.
   - **Cloudy** — Use this setting when taking pictures in cloudy conditions.
   - **Tungsten** — Use this setting when taking pictures under incandescent lights.
   - **Fluorescent** — Use this setting when taking pictures under fluorescent lights.
3. Use the Navigation key to select one of the White Balances, then press the OK key, the camera applies the selected White Balance setting to your next picture.

The Quality Setting

You can affect how much your photo is compressed, thereby reducing it's overall size (not to be confused with Resolution).

1. In camera mode, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Multi Shot**
   - **Fun Frame**
   - **Color Tones**
   - **White Balance**
   - **Quality**
   - **Shutter Sound**
2. Use the Navigation key to highlight **Quality**, then press the OK key. The following options appear in the display:
   - **Fine**
   - **Normal**

- **Economy**

3. Use the Navigation key to highlight the desired Quality setting, then press the OK key. The camera applies the selected Quality setting to your next picture.

Use Shutter Sound

Choose from three different sounds to play whenever you take a picture. Aside from being a cool sound effect, the Shutter Sound acts as an audible reminder that your camera has taken the picture.

1. In camera mode, press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Resolution**
   - **Self Timer**
   - **Multi Shot**
   - **Fun Frame**
   - **Color Tones**
   - **White Balance**
   - **Quality**
   - **Shutter Sound**
2. Use the Navigation key to highlight **Shutter Sound**, then press the OK key. The following options appear in the display:
   - **Sound 1**
   - **Sound 2**
   - **Sound 3**
   - **Sound 4**
   - **Sound 5**
3. Use the Navigation key to highlight the desired Shutter Sound (each sound plays as it is highlighted), then press the OK key. The camera applies the selected Shutter Sound to your next picture.

Using My Photo Gallery

My Images lets you manage your photos, and lets you choose the photos that appear in your phone's display while in standby mode (wallpaper), when you turn it on or off, and as photo IDs for your Contacts.

1. In standby mode, press the **MENU** key (OK), then press 4ghi (for **Multimedia**) and 2abc for **Photo Gallery**. A multiple-page matrix of thumbnail views of saved photos appears in the display.
2. Use the navigation keys to highlight an image or photo.

3. Press the **Option** (left) soft key ( ). The following options appear in the display:
   - **Pic Msg** — Send to someone as part of a Picture message. (See *"Send Picture Messages in Standby Mode"* on page 69 for more information.)
   - **W-Postcard** — Lets you use the highlighted photo as a postcard by overlaying it with a new photo of handwritten text and sending it in a Picture message.
   - **Assign** — Lets you set the highlighted photo as the **Wallpaper**, as the **Opening** or **Closing** image when power the phone on and off, or as a **Picture ID** for one of your Contacts.
   - **Rename** — Change the file name for the highlighted image.
   - **Lock /Unlock** — Block/permit erasure of the highlighted image.
   - **Erase** — Erase the highlighted image.
   - **Erase All** — Erase all unlocked images from My Images.
   - **Photo Info** — Shows the photo file's name, date and time, resolution, and size.
4. Use the navigation keys to highlight an option, then press the OK key.
5. Press the OK key to send a highlighted picture in a Picture message. The **New Pic Message** screen appears in the display. (For more information, see *"Send Picture Messages in Standby Mode"* on page 69.)
6. Press the **Expand** (right) soft key ( ) to expand the highlighted photo to fill the screen.
7. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

Using Image Gallery

Image Gallery lets you manage images preloaded into you phone and manage images you download. Image Gallery also lets you choose the pictures that appear in your phone's display when you turn it on or off, while in standby mode (wallpaper), and as image IDs for your contacts.

1. In standby mode, press the **MENU** key (OK), then press 4 ghi (for **Multimedia**) and 3 def for **Image Gallery**. The following options appear in the display:
   - **Preloaded** — Assign preloaded images as Wallpaper, as Opening or Closing screens, and as Contact picture IDs.
   - **Downloaded** — Manage downloaded images.
   - **Get more Graphics** — Download images.
2. Use the Navigation key to highlight an option, then press the OK key. The following appears in the display:

- **Preloaded/Downloaded** — An image appears in the display. Use the Right and Left navigation keys to show additional images.
- **Get more Graphics** — The Browser screen appears in the display. (For more information, see *"Browser"* on page 80.)

3. Press the **Option** (left) soft key ( ). The following options appear in the display, depending on the type of image highlighted:
   - **Assign** — Lets you set the highlighted image as the **Wallpaper**, as the **Opening/Closing** image, or as a **Picture ID** for one of your Contacts.
   - **Rename** — Change the file name for the highlighted image.
   - **Lock /Unlock** — Block/permit erasure of the highlighted image.
   - **Erase** — Erase the highlighted image.
   - **Erase All** — Erase all unlocked images from Image Gallery.
   - **Image Info** — Shows the image file's name, date and time, resolution, and size.
4. Use the Navigation key to highlight an option, then press the OK key to invoke the highlighted option.

Using Melody Gallery

Melody Gallery lets you download, assign, and manage tones as ringback tones or as ringtones for calls, alerts, or Contact IDs.

1. In standby mode, press the **MENU** key (OK), then press 4GHI (for **Multimedia**) and 4GHI for **Melody Gallery**. The following options appear in the display:
   - **Preloaded** — Lists preloaded tone files on your phone.
   - **Downloaded** — Lists tone files you have downloaded.
   - **Get more Tones** — Lets you use the Browser to download ringtone files.
   - **Ringback Tones** — Lets you use the Browser to download ringback tone files.
2. Use the Navigation key to highlight an option, then press the OK key.

   When you select the **Preloaded/Downloaded** option, a list of tones appears in the display.
3. Use the Navigation key to highlight a tone. Each tone plays as you highlight it.
4. Press the **Option** (left) soft key ( ) to assign the highlighted tone as a ringtone/alert tone for **Calls**, **Alarm**, **Data** calls, and **Calendar** alerts.

Section 12: Tools/Utilities

Topics Covered

- Today
- Calendar
- Jump To Date
- To Do List
- Memo Pad
- Count Down
- Alarm Clock
- World Time
- Calculator

This section explains how you can use your phone's Personal Information Manager (PIM) functions to view today's calendar, schedule appointments, set an alarm, perform simple math calculations, and more.

Today

Today lets you schedule up to nine events for the current day by indicating each event's start time and advance notification time. You can set alarms for these events so that you can be alerted before each event takes place.

Events, previously created for the present day using your phone's Calendar, automatically appear in your *Today* events list. See *"Calendar"* on page 105 for more information.)

Add a New Event

1. In standby mode, press the **MENU** key (OK), then press 7 pqrs (for **Tools/ Utilities**) and 1 for **Today**.

Tip: Tip: To launch Today using a voice command—In standby mode, press and hold 0+ until the phone prompts, "**Say a command.**" Say "**Today**" into the microphone.

You're prompted to enter a New Event.

2. Enter details of the event using the keypad. (See *"Entering Text"* on page 43 for more information.)
3. Press the **Option** (left) soft key ( ). A pop-up menu appears in the display containing the following text entry mode options:
   - **T9 Word**
   - **Alpha**
   - **Symbol**
   - **Number**

Note: Note: The current mode of text entry is indicated in the lower right of the display. See *"Entering Text"* on page 43 for more information on text entry modes.

4. Use the navigation keys to highlight the entry mode that you wish to use and press the OK key, or press the CLR key to exit the pop-up menu.
5. When you're finished entering details for the event, press the OK key. You're prompted to enter the time and date for the event.
6. Use the **Left** and **Right** navigation keys to change between **am** or **pm**.
7. Enter the time and date for the event using the keypad.
8. When you're finished entering the time and date, use the navigation keys to highlight **Alarm Option** field.
9. Use the navigation keys to select the amount of time before the event occurs that you wish to be notified by an alert.

10. Press the OK key to store the event in your calendar. An alert will notify you prior to the event, if you set a notification alert.

Calendar

Calendar allows you to view the current, past, or future month in calendar format. While viewing the calendar, the current date is highlighted, and days with scheduled events are surrounded by a box.

View an Event

1. In standby mode, press the **MENU** key (OK), then press 7 pqrs (for **Tools/ Utilities**) and 2 abc for **Calendar.**
2. A calendar appears in the display with the current date highlighted. The month, day, and year appear at the top of the display.
3. Use the Navigation key to highlight different dates within the current month.
   - Press OK to open a date that is highlighted.
   - Press the volume Up key to view previous months.
   - Press the volume Down key to view future months.

   Press the **Option** (left) soft key ( ) to access the following options:
   - **View** — Lists the events saved for this date.
   - **Add new** — Add a new event to this date.
   - **Jump To Date** — Move to any date by entering the date in mm/dd/yyyy format, then pressing the OK key.

   Use the Navigation key to highlight an option, then press the OK key.
4. Use the Up and Down navigation keys to highlight an event to view, then press the OK key to display the specifics of the highlighted event, or press the **Option** (left) soft key ( ) to access the following options:
   - **Add new** — Add a new event to this date.
   - **Edit** — Change the details of this event. (See *"Add a New Event"* on page 106 for more information.)
   - **Erase** — Remove this event from the Calendar.
   - **Erase all** — Remove all events scheduled for this month from the Calendar.

   Use the navigation keys to highlight an option. Press OK to invoke the highlighted option.
5. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

Add a New Event

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 2abc for **Calendar.**

   A calendar appears in the display with the current date highlighted. The month, day, and year appear at the top of the display.
2. If needed, use the Navigation key to highlight another date, or press the **Option** (left) soft key ( ) and select the **Jump To Date** option.
3. To add an event, do one of the following:
   - Press the **Option** (left) soft key ( ) and select the **Add new** option.
   - If you have not stored any events on this date, press the OK key. "**Nothing stored!**" pops-up.

   The **New Event** screen appears in the display.
4. Enter text for the new Event, using the keypad. (For more information, see *"Entering Text"* on page 43.)

Note: The current mode of text entry is indicated in the lower left corner of the display.

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5. Press the OK key. The **Time Setup** screen appears in the display.
6. Use the Up and Down navigation keys to highlight New Event options.

   Use the Left and Right navigation keys to select option values.

   Use the keypad to enter option values.
7. To set the **Time**:
   - Use the Left and Right navigation keys to select **am** or **pm**.
   - Use the keypad to enter the time for the event.
8. To set the **Date**, use the keypad to enter the date for the event.
9. To set the **Alarm Option**, use the Left and Right navigation keys to select:
   - **10Min before**
   - **30Min before**
   - **1Hour before**
   - **No alarm**
   - **On time**
10. Press the OK key to store the event in your calendar. An alarm will notify you prior to the event, if **Alarm Option** is set to a value other than **No alarm**.

Jump To Date

Jump To Date lets you jump to any date you specify.

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 3def for **Jump To Date**. The **Jump To Date** screen appears in the display.
2. Enter the desired date using your keypad.
   The month and day must be entered using two digits each. The year must be entered using all four digits.
3. Press the OK key. The Calendar screen appears with the entered date highlighted.
4. To view the stored events for this date, press OK.

To Do List

The To Do List lets you create a task list. You can store, prioritize and manage up to twenty To Do List tasks.

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 4ghi for **To Do List**. The **Add To Do** screen appears in the display.
2. Enter details of the task using the keypad. (See See *"Entering Text"* on page 43 for more information.)
3. Press the **Option** (left) soft key ( ) to display a pop-up menu containing the following text entry mode options.
   - **T9 Word**
   - **Alpha**
   - **Symbol**
   - **Number**
4. Use the navigation keys to highlight the entry mode that you wish to use and press the OK key, or press CLR to exit the pop-up menu.
5. When you're finished entering details for the task, press the OK key. You're prompted to enter the priority for the task.
6. Use the navigation keys to select **High** or **Low**.
7. Use the navigation keys to highlight the **Time** field.

   Use the navigation keys to select **pm** or **am**.
8. Enter a time and date for the task using the keypad.
9. Press the OK key to store the task.

Add, Edit, and Erase To-Do List Tasks

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 4ghi for **To Do List**.
2. Use the navigation keys to browse tasks in your To Do List. Events are presented in order of priority.
3. Press the **Option** (left) soft key ( ) while viewing your **To Do List**. A pop-up menu containing the following options appears in the display:
   - **Add new**—Add new task to the To Do List.
   - **Edit**—Edit the task currently appearing in the display.
   - **Erase**—Erase the task currently appearing in the display.
   - **Erase All**—Erase all tasks from your To Do List.
4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the function for the highlighted option.

Memo Pad

Create notes and store them in Memo Pad. Notes that you create in Memo Pad can't be prioritized or assigned an alert. Return to Memo Pad anytime to review and edit your notes.

Create a Memo

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 0 _ 5jkl 0 for **Memo Pad**.
   - If this is your first time using **Memo Pad**, "**Nothing stored!**" pops-up in the display followed by the blank **Memo** screen.
   - If you have any stored memos, they appear as a list in the display.
2. Enter memo text using the keypad. (For more information, see *"Entering Text"* on page 43.)

Note: The current mode of text entry is indicated in the lower right corner of the display.

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3. When you're finished entering details for the memo, press OK. The memo is stored and appears in the **Memo Pad** list.

Review, Edit, and Erase Memos

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 0 _ 5jkl 0 for **Memo Pad**. The **Memo Pad** screen appears in the display and lists your stored memos.

2. Use the Navigation key to browse your memos and highlight a desired memo.
3. To view a highlighted memo, press the OK key. For other options, press the **Option** (left) soft key ( ) and the following options appear in the display:
   - **Add new** — Add a new memo.
   - **Edit**— Change the currently highlighted memo.
   - **Erase** — Erase the highlighted memo, if unlocked.
   - **Erase all** — Erase all of the unlocked memos.

   Use the Navigation key to highlight an option, then press the OK key to select the option.

To edit a memo:

4. Select the **Edit** option, then use the keypad to change the memo text. (See *"Entering Text"* on page 43 for more information.)
5. Press OK to save your changes.

To erase one or more options:

6. Select the **Erase** or **Erase all** option, then press the OK key. You are prompted to confirm the erasure.
7. Use the Navigation key to highlight **Yes** to confirm the deletion, or **No** to retain your memos, then press the OK key.

Count Down

Count Down lets you view the amount of time between the current date and any event that you wish to schedule. You can create up to twenty Count Down events.

Add Count Down Timer

1. In standby by mode press the **MENU** key (OK), then press 7pqrs (for **Tools/Utilities**) and 6mno for **Count Down**.
   - If this is your first time using **Count Down**, "**Nothing stored!**" pops-up in the display followed by the blank **Count Down** screen.
   - If you have multiple stored Count Down timers, the event that is scheduled closest to the current date appears in the display. Use the Left and Right navigation keys to browse the other Count Down timers.
2. Press the **Option** (left) soft key ( ), then the following options appear in the display:
   - **Add new** — Add a new memo.
   - **Edit**— Change the currently highlighted memo.

- **Erase** — Erase the highlighted memo, if unlocked.
- **Erase all** — Erase all of the unlocked memos.

Use the Navigation key to highlight the **Add new** option, then press the OK key to select the option.

3. In a blank **Count Down** screen, enter text describing the Count Down event using the keypad. (For more information, see *"Entering Text"* on page 43.)

Note: The current mode of text entry is indicated in the lower right corner of the display.

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4. When you're finished entering descriptive text for the Count Down timer, press the OK key. The Count Down timer options appear in the display.
5. Use the Left or Right navigation keys to select **am** or **pm**.
6. Press the Down navigation key to highlight the time. Enter the time using the keypad.
7. Press the Down navigation key to highlight the **Date** field. Enter the date using the keypad.
8. Press the OK key to store the new Count Down event.

Review, Edit, and Erase Count Down Events

Review scheduled Count Down event to determine how much time remains between the current time/date and any event that you've scheduled. You can also add another event, or edit and erase previously scheduled events.

1. In standby by mode press the **MENU** key (OK), then press 7pqrs (for **Tools/Utilities**) and 6mno for **Count Down**. The event that is scheduled closest to the current date appears in the display.

   Event details, including the days, hours and minutes left until the occurrence of the scheduled event appear in the display. The day, date, and time of the scheduled event appear in the bottom of the display.
2. Use the Left and Right navigation keys to browse the other Count Down timers.
3. Press the **Option** (left) soft key ( ), then the following options appear in the display:
   - **Add new** — Add a new memo.
   - **Edit**— Change the currently highlighted memo.
   - **Erase** — Erase the highlighted memo, if unlocked.
   - **Erase all** — Erase all of the unlocked memos.
4. Use the navigation keys to highlight an option.

5. Press OK to perform the function for the highlighted option.

To edit a Count Down timer:

6. Select the **Edit** option, then use the keypad to change the Count Down timer text. (See *"Entering Text"* on page 43 for more information.)
7. Press the OK key. The Count Down timer settings appear in the display.
8. Use the Navigation keys and the keypad to change the settings.
9. Press OK to save your changes.

To erase one or more Count Down timer:

10. Select the **Erase** or **Erase all** option, then press the OK key. You are prompted to confirm the erasure.
11. Use the Navigation key to highlight **Yes** to confirm the deletion, or **No** to retain your Count Down timers, then press the OK key.

Alarm Clock

Your phone has three alarm clocks that can be set to go off once, or to recur daily at a specific time. Once set, an alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed while the phone is off, the alarm occurs at the specified time on the next day.

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1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 7pqrs for **Alarm Clock.** The following options appear in the display:
   - **Alarm Clock 1**
   - **Alarm Clock 2**
   - **Alarm Clock 3**
2. Use the Navigation key to highlight the alarm clock that you wish to set, then press the OK key. The Set Alarm screen appears in the display with the **Alarm** field highlighted.
3. Use the Left and Right navigation keys to set the alarm **Off** or **On**.
4. Press the Down navigation keys to highlight the **Time** field.
5. To set the Time:
   - Use the Left and Right navigation keys to select **am** or **pm**.
   - Enter the Time for the alarm using the keypad.
6. Press the Down navigation keys to highlight the **Alarm Interval** field.

7. Use the Left and Right navigation keys to select the Interval at which you wish the alarm to occur (**Once**, **Daily**, **Mon-Fri**, **Mon-Sat**, **Every Sun**, **Every Sat**, or **Every Weekend**).
8. Press OK when you're finished entering the time and frequency for the alarm. If the alarm is set to **On**, the alarm icon ( ) appears in the top of the display.

When an Alarm Sounds

An animated alarm clock appears in the display and an alert sounds when the specified time for the alarm arrives.

- Press OK to silence the alarm.
- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

Turn Off the Alarm

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 7pqrs for **Alarm Clock**. The following options appear in the display:
   - **Alarm Clock 1**
   - **Alarm Clock 2**
   - **Alarm Clock 3**
2. Use the navigation keys to highlight the desired alarm, then press the OK key. The selected Set Alarm screen appears in the display with the **Alarm** setting highlighted.
3. Use the Left/Right navigation keys to select **Off**, then press the OK key. The selected alarm is turned off.

World Time

World Time lets you view the time of day or night in any of the 24 different time zones around the world.

Note: To use World Time, you need to subscribe to your Cellular Provider's digital service.

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1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Tools/ Utilities**) and 8tuv for **World Time.** A world map appears in the display.

2. Use the Left and Right navigation keys to browse cities and their current times. The following cities are supported.

New York	**Caracas**	**Brasilia**
Mid Atlantic	**Cape Verde**	**London**
Paris,Berlin	**Athens,Helsinki**	**Moscow**
Abu Dhabi	**Tashkent**	**Alma-ata**
Bangkok,Jakarta	**Hong Kong,Beijing**	**Seoul,Tokyo**
Guam,Sydney	**Okhotsk**	**Wellington**
Samoa,Midway	**Honolulu,Hawaii**	**Alaska**
San Francisco	**Denver,Arizona**	**Chicago,Mexico**

3. Do one of the following:
   - Press the OK key to set the selected time zone as the default time zone for your phone.
   - Press the CLR key to return to the **Tools/Utilities** menu.

Enable Daylight Savings Time (DST)

1. While viewing the World Time map, press the **Option** (left) soft key ( ). The **DST Setting** screen appears in the display showing the following options:
   - **Off** — Disables Daylight Savings Time.
   - **On** — Enables Daylight Savings Time.
2. Press the OK key to accept the highlighted setting. If the DST icon ( ) appears in the display, it indicates that Daylight Savings Time is enabled.

Calculator

You can perform calculations, including addition, subtraction, multiplication, and division using your phone.

1. In standby mode, press the **MENU** key (OK), then press 7 pqrs (for **Tools/Utilities**) and 9 wxyz for **Calculator**. The Calculator appears in the display.
2. Enter the first number in your equation using the keypad. (Numbers can be up to nine digits long.)
   - Press * to enter a decimal point.
   - Press # to change the sign for a number to a negative.

- Press the **Option** (left) soft key ( ) to add parentheses **[( )]** to your equation or to enter an **Power** exponent (**^**), such as, 3^2, which is the equivalent of 3^2.
- Use the CLR key to clear current entries.

3. Use the navigation keys (as shown in the **Calculator** screen) to set the type of calculation that you wish to perform. Your choices are as follows.
   - [**+**] Addition
   - [**x**] Multiplication
   - [**-**] Subtraction
   - [**÷**] Division
4. Use the keypad to enter the second number into your equation.
5. Press OK to perform the calculation and view the result.

Section 13: Settings

Topics Covered

- Location Setting
- Display Settings
- Sounds
- System Select
- Security
- Call Options
- Language
- Clock Set
- Airplane Mode
- Phone Info

This section explains how to configure your phone's language, network preferences, security options, and other settings.

Location Setting

You can set your phone to pass Global Positioning System (GPS) data to identify your location to the network continually or only when you make an emergency (911) call.

Note: Check with your Wireless Carrier to determine if/when/where location-based services are available.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**) and 1 for **Location**. The following Location options appear in the display:
   - **Location On** — Your location data is continually sent wherever the feature is available.
   - **911 Only** — Your location data is sent only when you dial 911.
2. Use the navigation keys to highlight an option.
3. Press OK to select the function. The **Settings** menu appears in your display.
4. Press END to return to standby mode.

Display Settings

Display settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**) and 2abc for **Display**. The following menus appear in the display:
   - **Menu Style** — Choose how main menus appear in the display when you press the **Menu** (left) soft key( ).
   - **Animation** — Choose the images that appear in the Main display when you turn your phone on or off, or display while in standby mode.
   - **Theme** — Choose the color set used to show menus and screens on your phone's display.
   - **Banner** — Lets you change or replace the text greeting that appears in the display when your phone is in standby mode.
   - **Backlight** — Set backlight options for the Main Display, Keypad, and backlight Brightness.
   - **Auto-Hyphen** — Choose whether your phone automatically inserts hyphens in the phone numbers you dial.
   - **Dial Digits** — Lets you select the color style used to display digits you dial.
   - **Dial Screen** — Lets you select the background color used to display digits you dial.
   - **Front Contrast** — Lets you set contrast for the Front display.

2. Use the navigation keys to highlight a sub-menu.
3. Press the OK key to enter the highlighted sub-menu. The following sections describe the Display sub-menus in greater detail.

Menu Style

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 1 for **Menu Style**. The following options appear in the display:
   - **Icon** — Shows all main menus as an array of icons.
   - **List** — Shows main menus in scrollable list (text) format.
2. Use the Navigation key to highlight **Icon** or **List**, then press the OK key.

Animation

Animation lets you choose the images that appear in the background on your phone's Main display when you turn your phone on, turn it off, and while in standby mode.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 2abc for **Animation**. The following options appear in the display:
   - **Opening** — Choose the animation that appears in your display when you turn on your phone.
   - **Closing** — Choose the animation that appears in you display when you turn off your phone.
   - **Wallpaper** — Choose the graphic or animation that appears in your display when the phone is in standby mode.
2. Use the Navigation key to highlight the sub-menu that you wish to enter, then press the OK key. The following options appear in the display:
   - **My Image** — Lets you select an image that you have downloaded to your phone.
   - **Preloaded** — Lets you select an image that is included with your phone.
   - **Screen Savers** — Wallpaper only — Lets you select an image that is included with your phone.
3. Use the Navigation key to select **My Image** or **Preloaded** images, then press the OK key.
4. Use the Navigation key to browse available images and animations for the selected sub-menu.
5. Press the OK key to select the image or animation appearing in the display.

Theme

Lets you select the colors used to show menus and screens in the Main display.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 3def for **Theme.** The following options appear in the display:
   - Pattern 1
   - Pattern 2
   - Pattern 3
2. Use the Navigation key to highlight the desired color theme, then press the OK key to save the selected theme setting.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 4ghi for **Banner**. The **Banner** screen appears in the display with the **Enter Text** field highlighted.
2. Enter a word or short phrase to appear in your phone's display while in standby mode (Up to 13 characters). See See "Entering Text" on page 43 for more information.

Tip: Press and hold CLR to erase an existing banner, if necessary.

Press the OK key to save your changes.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the flip is open.

Note: Prolonged backlight use drains your battery faster.

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1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 0 5jkl 0 for **Backlight.** The following sub-menus appear in the display**:**
   - **Main LCD** — Sets the time the internal display backlight remains on after a period of inactivity. Optional settings are: **5 seconds**, **10 seconds**, **15 seconds**, and **Flip Open**.

- **Keypad** — Sets the amount of time the keypad backlight remains on after a period of inactivity. Optional settings are: **5 seconds**, **10 seconds**, **15 seconds**, and **Flip Open**.
- **Power Save** — When set to On reduces Backlight brightness, overriding the Brightness setting to save power.
- **Brightness** — Use the Left and Right navigation keys to select between any of 5 optional settings.

2. Use the Up and Down navigation keys to highlight the desired sub-menu and press the OK key.
3. Use the navigation keys to change settings as desired in the selected sub-menu, and press the OK key to save your selection.

Auto-Hyphen

When set to **Yes**, Auto-Hyphen automatically hyphenates phone numbers as they are entered.

Example: If you enter "**5804370000**", "**580-437-0000**" appears in the display.

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1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 6mno for **Auto-Hyphen**. The following options appear in the display:
   - **No**
   - **Yes**
2. Use the Navigation key to highlight the desired setting, then press the OK key to save the setting.

Dial Digits

Dial Digits adjust the color of numbers as they are entered into the display when making a call.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 7pqrs for **Dial Digits**. The following options appear in the display:
   - **Hyphenated** — Number color divided by hyphens are the same.
   - **Rainbow** — Each number color is different.
   - **Basic** — All numbers are colored black.
2. Use the Navigation key to highlight the desired setting, then press the OK key to save the setting.

Dial Screen

Dial Screen adjust the color of display.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 8tuv for **Dial Screen**. The following options appear in the display:
   - **Color Setting** — Sets background color of dial display.
   - **Off** — Returns dial display background color to white.
2. Use the Navigation key to highlight the desired setting, then press the OK key to save the setting.

Front Contrast

Set the front display contrast to your preference.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Display**), and 9wxyz for **Front Contrast**. The **Front LCD** screen appears in the display showing the current contrast setting.
2. Use the Left and Right navigation keys to adjust the contrast for the selected display. The results of your adjustments appear in the display.
3. Press the OK key to save your new contrast setting.

Sounds

Sounds let you customize your phone's audio properties, such as ringers, keypad tones, alerts, start up melody, and more.

Volume/Vibrate

Use the Volume sub-menu to set the default volume for call ringers, message alerts, and alarms.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 3def (for **Sounds**), and 1 for **Volume/Vibrate**. The following options appear in the display:
   - **Calls** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming calls.
   - **Messages** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to an incoming message.
   - **Alarms** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to a preset alarm time being reached.
2. Use the Up and Down navigation keys to highlight the desired option, then press the OK key.

3. Use the navigation keys or the Up and Down volume keys on the left side of your phone to select the volume level (**Silent**, **Vibrate**, **1 Beep, Level 1** – **5**, **Vib+Ring**) for the selected option.
4. Press the OK key to save the option setting.

Ringer Type

You can assign ring tones and melodies for calls, alarms, and other alerts in the Ringer Type sub-menu.

1. In standby mode, press the **MENU** key (OK), then press 9 wxyz (for **Settings**), 3 def (for **Sounds**), and 2 abc for **Ringer Type**.

   The following ringer types appear in the display:

   - **Calls** — Lets you set which Melody (preloaded or downloaded) plays when you receive a voice call.
   - **Messages** — Lets you set which Melody (preloaded or downloaded) plays for Voicemail, Text, and Pic messages.
   - **Alarm** — Lets you set which Melody (preloaded or downloaded) plays for Alarm 1, Alarm 2, and Alarm 3.
   - **Data** — Lets you set which Melody (preloaded or downloaded) plays when you receive a data call.
   - **Calendar** — Lets you set which Melody (preloaded or downloaded) plays for a scheduled Calendar event.
2. Use the navigation keys to highlight the desired option, then press the OK key. The following options appear in the display:
   - **Downloaded**
   - **Preloaded**
3. Use the Up and Down navigation keys to highlight the desired Melody gallery, then press the OK key. A list of the available melody files appears in the display.
4. Use the Up and Down volume keys to scroll through the ringer types and melodies for the selected ringer type. Each tone or melody plays as you scroll through the list.
5. When the desired ringer type plays, press the OK key to save your selection.

Key Beep

Use the Key Beep menu to adjust the volume level and length of tone that the keypad generates each time you press a key.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 3def (for **Sounds**), and 3def for **Key Beep.** The following options appear in the display:
   - **Volume** (Silent or Level 1 – 5)
   - **Tone Length** (Long or Normal)

   Volume is highlighted.
2. Use the Navigation key to highlight the desired option, then press the OK key.
3. Use the Volume keys on the side of the phone to set the Key Beep volume level.
4. Use the Navigation key to highlight the desired Key Beep tone length.
5. Press the OK key when the desired Key Beep volume or tone length setting is reached. You're returned to the **Key Beep** sub-menu.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, and other options.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 3def (for **Sounds**), and 4ghi for **Alerts.** The following options appear in the display:
   - **Minute Beep** — Sounds an alert ten seconds before each elapsed minute of a call.
   - **Service** — Sounds an alert when you go into and out of coverage areas.
   - **Connect** — Sounds an alert when you connect a call.
   - **Disconnect** — Sounds an alert when you disconnect a call.
   - **Fade** — Sounds an alert when a dropped call occurs during a conversation.
   - **Roam** — Sounds a unique ring tone when you receive a call your home service area.
   - **Privacy** — Sounds a tone whenever you are in enhanced privacy mode.
   - **Charge Alert** — Sounds when you begin recharging the battery.
2. Use the navigation keys to highlight a sub-menu, then press the OK key. The following options appear in the display:
   - **Off**
   - **On**

3. Use the Up and Down navigation keys to highlight inactive (**Off**) or active (**On**) for the selected alert.
4. Press the OK key to confirm your selection.

Power On/Off

Set your phone to play a melody whenever you turn it on or off.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 3def (for **Sounds**), and 0 5jkl 0 for **Power On/Off**.
2. Use the Navigation key to highlight **Off** or **On**, then press the OK key.

Roam Ringer

Set your phone to sound a unique ring tone when you receive a call outside your home service area. This feature is set to Off by default.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 3def (for **Sounds**), and 6mno for **Roam Ringer**.
2. Use the Navigation key to highlight **Off** or **On**, then press the OK key.

Whisper Mode

This feature lets you talk in a low volume during a phone conversation and still be heard by the other party.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 3def (for **Sounds**), and 7pqrs for **Whisper Mode**.
2. Use the Navigation key to highlight **Off** or **On**, then press the OK key.

System Select

The **System Select** feature enables you to automatically or manually select the network used when roaming outside of your home area.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**) and 4ghi for **System Select**. The following System Select options appear in the display:
   - **Home only** — If your home system is not available then your call will not be connected, and the no service icon ( ) appears in the display. In some service areas, an operator may come on-line and ask you how you would prefer to pay for the call.
   - **Automatic** — Your phone will always try your calls using the Preferred Roaming List (PRL) loaded into your phone. If a preferred service is not found, then this option will attempt to acquire any digital service.

2. Use the navigation keys and to highlight the desired Roam option, the press OK to save your selection.

   The **Network** menu appears in the display.

Security

Use the Security menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

Lock Phone

Locking the phone blocks all outgoing calls except those to 911 and to the three user-programmed emergency numbers. You can lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency and secret numbers).

1. In standby mode, press the **MENU** key (OK), then press 9 (for **Settings**), and 0 5 for **Security**.

   The "**Lock**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

   The "**Lock**" prompt disappears and the **Security** menu appears in the display.

3. Press 1 for **Lock Phone**. The following options appear in the display:
   - **Disable** — The phone remains unlocked.
   - **Enable on Power Up** — The phone locks automatically the next time your phone is powered on and stays locked until you enter the lock code.
   - **Enable Always** — The phone locks immediately and stays locked until you enter the lock code.
4. Use the navigation keys to highlight the Lock Phone option of your choice.
5. Press OK to perform the function for the highlighted option.

Change Lock

The default lock code is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the **MENU** key (OK), then press 9 (for **Settings**), and 0 5 for **Security**.

   The "**Lock**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Lock**" prompt disappears and the **Security** menu appears in the display.

3. Press 2abc for **Change Lock**. You're prompted to enter the New Lock Code.
4. Enter the New Lock Code. You're prompted to re-enter the New Lock Code for verification.
5. Enter the new lock code again. Your changes are stored.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency #

You have the option of storing up to three emergency numbers to your phone. Each number can be up to 32 digits in length. All emergency numbers can be dialed any time, even when your phone is locked or restricted.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important!: Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important!: DO NOT depend on this phone as a primary method of calling 911 or for essential or emergency calls.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Note: When you dial an emergency number, you phone locks itself to the emergency location that answered the call and locks itself in 911-Only mode, blocking from dialing any number but an emergency number.

Store Emergency Numbers

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for

Settings), and 0 5 for **Security**.

The "**Lock**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Lock**" prompt disappears and the **Security** menu appears in the display.

3. Press 3 def for **Emergency #.**
4. Press 1, 2 abc, or 3 def to select one of the three emergency numbers.
5. Enter the emergency number (up to 32 digits in length).
6. Press OK to save the number that you entered.
7. Press **Back** (right) soft key ( ) to discard your entry and return to the previous menu.

Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number via the keypad.
2. Press SEND to place the call.

Voice Privacy

Voice privacy lets you prevent those you call from seeing your number in their display when receiving your call. Voice privacy options are Standard and Enhanced.

1. In standby mode, press the **MENU** key (OK), then press 9 (for **Settings**), and 0 5 for **Security**.

   The "**Lock**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Lock**" prompt disappears and the **Security** menu appears in the display.

3. Press 4 ghi for **Voice Privacy**. The following options listed appear in the display:
   - **Standard** — Voice privacy is disabled.
   - **Enhanced** — Voice privacy is enabled.

4. Use the Navigation key to highlight the **Voice Privacy** option of your choice, then press the OK key.

Restriction

Restriction lets you allow the use of your phone for outgoing calls and incoming calls to all calls, no calls, or only calls to and from your Contacts.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 0 5jkl 0 for **Security**.

   The "**Lock**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

   The "**Lock**" prompt disappears and the **Security** menu appears in the display.

3. Press 0 5jkl 0 for **Restriction**.
4. Use the Navigation key to select **Outgoing** or **Incoming**.
5. Press the OK key.
6. Use the Navigation key to highlight **Allow All**, **Allow None**, or **Allow Contacts**, then press the OK key.

Erase Memory

Erase memory erases your Contacts and Photo Gallery. This feature is useful if you want to give your phone to someone else.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 0 5jkl 0 for **Security**.

   The "**Lock**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

   The "**Lock**" prompt disappears and the **Security** menu appears in the display.

3. Press 6mno for **Erase Memory**. A confirmation prompt appears in the display.

4. Use the Navigation key to highlight **Yes** or **No**, then press the OK key. A confirmation message appears in the display while your messages are being erased. Your phone then returns to the Security menu.

Reset Phone

Reset Phone returns all setup parameters (except for the Contacts entries) to their factory default values.

Caution!: Before selecting Reset Phone, contact your Wireless Carrier. Invoking Reset Phone may erase settings made by your Wireless Carrier from your phone, resulting in loss of service.

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1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 0 5jkl 0 for **Security**.

   The "**Lock**" prompt appears in the display.
2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

   The "**Lock**" prompt disappears and the **Security** menu appears in the display.
3. Press 7pqrs for **Reset Phone**. A prompt appears in the display to restore default settings (except for Contacts**).**
4. Use the Navigation key to highlight **Yes** or **No**, then press the OK key. A confirmation message appears in the display while your phone is being reset to factory default settings. Your phone then returns to the Security menu.

Call Options

The Call Options sub-menu lets you set call options such as Auto Retry, Data rates for data calls, and more.

Auto Retry

Auto Retry automatically re-dials a number if there is no answer or the dialed party is busy. Depending upon your location, the number of times your phone redials a number may vary.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 6mno (for **Call Options**), and 1 ±, for **Auto Retry**. The following options appear in the display:
   - **Off**

- **Every 10 Seconds**
- **Every 30 Seconds**
- **Every 60 Seconds**

2. Use the Navigation key to highlight the desired setting, then press OK.

Data

Use the **Data** menu to configure data connection speed and automatic detection settings.

Auto Detect

Select phone options for receiving data or voice, or set data reception to off.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 6mno (for **Call Options**), 2abc (for **Data**), and 1 for **Auto Detect**. The following options appear in the display:
   - **Data off** — No incoming data calls accepted.
   - **Data for next call** — Wait for data call for the next 10 minutes.
   - **Data until powered off** — Data calls only, no voice calls accepted, until you power the phone off and on again.
2. Use the navigation keys to highlight the Auto Detect option you want, then press the OK key. You are returned to the **Data** menu.

Baud Rate

Set the data connection rate.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 6mno (for **Call Options**), 2abc (for **Data**), and 2abc for **Baud Rate**. The following options appear in the display: The following **Baud Rate** options appear in the display:
   - **Auto**
   - **19200**
   - **38400**
   - **57600**
   - **115200**
   - **230400**
2. Use the navigation keys to highlight the desired Data Baud Rate option, then press the OK key. You are returned to the **Data** menu.

Call Answer

You can select a specific answer mode when you receive an incoming call. Your phone can be preset to answer when you do any of the following:

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 6mno (for **Call Options**), and 3def for **Call Answer.**

   The following Call Answer options appear in the display:

   - **Send Key** — Press SEND to answer an incoming call.
   - **Flip Open** — Open the flip or press SEND to answer an incoming call.
   - **Any Key** — Press any key except END or # to answer an incoming call.

2. Use the navigation keys to highlight the method you wish to use for answering calls, then press the OK key.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 6mno (for **Call Options**), and 4ghi for **Auto Answer.** The following options appear in the display:

   - **Off**
   - **After 5 sec**
   - **After 3 sec**
   - **After 1 sec**

2. Use the navigation keys to highlight the desired setting, then press the OK key.

TTY Mode

Your phone is fully Teletypewriter (TTY)/Telecommunication Device for the Deaf (TDD) compatible. You connect TTY/TDD equipment to the headset connector on the top of your phone, behind the flip hinge.

Note: TTY Mode must be enabled (**TTY Full** selected) before you can use your phone with TTY/TDD equipment.

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1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 6mno (for **Call Options**), and 0 5 jkl for **TTY Mode**. A message pops-up warning of possible headset and non-TTY accessory performance impairment when in TTY mode and prompting you to confirm that you want to enable/disable TTY Mode.

- Use the Navigation key to highlight the **Yes** option to confirm you want to change the TTY Mode setting.
- Use the Navigation key to highlight the **No** option to keep the current TTY Mode setting.

Then press the OK key.

2. The following options appear in the display:
   - **TTY Full** — Enables TTY mode while letting you hear and speak with the other party.
   - **TTY + TALK** — Enables TTY mode while letting you speak with the other party.
   - **TTY + HEAR** — Enables TTY mode while letting you hear the other party.
   - **TTY OFF** — Disables TTY mode.

Note: When you select **TTY Full**, all currently enabled sound functions remain enabled.

3. Use the navigation keys to highlight your selection and press the OK key. You're returned to the previous menu and the TTY icon ( ) appears in the top of the display.

Language

The Language option changes the language of menus, sub-menus, and other user-interface features.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 7pqrs for **Language**.

   The following options appear in the display:
   - **English**
   - **Español**
2. Use the navigation keys to highlight your language preference, then press the OK key.

Clock Set

Use the **Clock Set** option to set the current date and time.

Note: In digital service mode, the **Clock Set** feature is disabled. The network adjusts time and date automatically.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**) and 8tuv for **Set Time**. The **Main Clock** screen appears in the display.
2. Use the Left and Right navigation keys to select **am** or **pm**.

3. Use the Up and Down navigation keys to highlight the Time entry field.
4. Enter the current time using your keypad:

   The hour and minute must be entered using two digits each. You must enter the hour in 12-hour format.
5. Use the Up and Down navigation keys to highlight the **Date** field.
6. Enter the current date using your keypad:
   - The month and day must be entered using two digits each.
   - The year must be entered with all four digits.
7. Press OK to save the time and date.

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from making or receiving calls, but allows you to use other features (such as the camera and the Tools/Utilities) safely in sensitive environments, such as on board an aircraft.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**) and 9wxyz for **Airplane Mode**. The following options appear in the display:
   - **On** — Disables the radio transmitter and receiver in your phone.

Tip: If you need to make an emergency call with Airplane mode enabled, just dial the emergency number and press Send.

   - **Off** — Enables the radio transmitter and receiver in your phone.

Note: Press CLR to return to the **Settings** menu.

2. Use the navigation keys to highlight the desired option, then press the OK key. You are prompted to confirm your setting change:
   - Use the Navigation key to highlight the **Yes** option to confirm you want to change the TTY Mode setting.
   - Use the Navigation key to highlight the **No** option to keep the current TTY Mode setting.

   Then press the OK key.
3. If you press **Yes**, you are returned to standby mode. If you press **No**, the **Airplane Mode** screen remains in the display.

Phone Info

Phone Info lets you identify the hardware and software versions of your phone and to identify the phone number assigned to your phone.

Phone Number

This option causes the Phone Number screen to appear in the display and show the ten-digit number assigned to your phone by your Wireless Carrier.

1. In idle mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), Oper (for **Phone Info**), and 1 for **Phone Number**. The phone number assigned by your Wireless Carrier appears in the display.
2. Press OK to return to the **Phone Info** menu.

Version

You can view the PRL (Preferred Roaming List), software version, hardware version, and ERI (Extended Roaming Indicator) on your phone. This information is helpful if you need to contact Customer Service.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), Oper (for **Phone Info**), and 2abc for **Version**.

   Hardware and software information for your phone appears in the display.
2. Press the OK key to return to the **Phone Info** menu.

ESN

You can view the ESN values in both Decimal and Hex values from this menu.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), Oper (for **Phone Info**), and 3def for **ESN**.

   The ESN information displays in **Dec**imal and **Hex**adecimal.

Warranty date code

The device provides a customer warranty date code. The code (date MM/DD/YYYY and time HH:MM) is populated into the device after 10 minutes of CDMA usage time. This Date Code value may be used to determine the device warranty status.

You can view the Warranty data code for your phone.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), Oper (for **Phone Info**), and 4ghi for **Warranty date code**.

   The Warranty date code information appears in the display.

Section 14: Health and Safety Information

Topics Covered

- Health and Safety Information
- Samsung Mobile Products and Recycling
- UL Certified Travel Adapter
- Consumer Information on Wireless Phones
- Road Safety
- Responsible Listening
- Operating Environment
- Using Your Phone Near Other Electronic Devices
- Potentially Explosive Environments
- Emergency Calls
- FCC Notice and Cautions
- Other Important Safety Information
- Product Performance
- Availability of Various Features/Ring Tones
- Battery Standby and Talk Time
- Battery Precautions
- Care and Maintenance

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure

guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- **Head:** 1.39 W/Kg.
- **Body-worn:** 0.522 W/Kg.

SAR information on this and other model phones can be viewed on-line at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://www.samsungwireless.com/recycling.asp for more information.

UL Certified Travel Adapter

The Travel Adaptor for this phone has met UL 1310 safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF

for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The

Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in

December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard

sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/homepage.html
- World Health Organization (WHO):
  http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection:
  http://www.icnirp.de
- National Radiation Protection Board (UK):
  http://www.hpa.org.uk/radiation
- US Food and Drug Administration
  http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.

- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.
200 Independence Ave., SW
Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device. Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. if you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see, http://www.fcc.gov/oet/rfsafety/rf-faqs.html

Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the SEND key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers.

Consumers should purchase manufacturer or carrier recommended products and accessories.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F). The battery should not be charged at temperatures below 0 degrees C (32 degrees F) or above 45 degrees C (113 degrees F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip, key, jewelry or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.

- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 15: Warranty Information

Topics Covered

- Standard Limited Warranty

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG

TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case/ Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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